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U. S. Department of Agriculture

# Everything for the Garden 1952

1952
ALL-AMERICA
TOP AWARD WINNER
New Everblooming Rose

FRED HOWARD

*Named in Honor of one of America's Great Rose Growers*

See description page 63

Price $2.75

## PETER HENDERSON STUMPP & WALTER CO.

48 CORTLANDT ST., NEW YORK 7, N. Y.

### Our Eleven Garden Centers

Hempstead, L. I., 74 N. Franklin St.
Farmingdale, L. I., Route 110
White Plains, N. Y., 80 Main St.
Stamford, Conn., 674 Main St.
Newark, N. J., 29 Central Ave.
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Millburn, N. J., Morris Turnpike
Red Bank, N. J., Newman Springs Road
New York, 132 Church St.
New York, 48 Cortlandt St.

# The Most Beautiful Lawns in America

ARE MADE WITH

## THE HENDERSON, STUMPP & WALTER LAWN GRASS MIXTURES

**AMOUNT OF GRASS SEED REQUIRED**

| *Size of Plot* | *Square Feet* | *Quantity* |
|---|---|---|
| 10 x 20 | 200 | 1 lb. |
| 20 x 50 | 1,000 | 5 lbs. |
| 20 x 100 | 2,000 | 10 lbs. |
| 50 x 100 | 5,000 | 25 lbs. |
| 200 x 200 | 40,000 | 200 lbs. |

For renovating use half these quantities

## Staigreen LAWN SEED

**THE BEST ON EARTH . PURE SEED OF HIGH GERMINATION MAXIMUM FREEDOM FROM WEED SEED**

A superb mixture made possible by many years of experimenting, by observing the development of grasses on all kinds of soils in varying locations, and by altering the formula as new ingredients are developed. Staigreen contains the strongest and most desirable permanent grasses, including Bents, Chewing's Fescue and Illahee Fescue. Planted properly, and with favorable growing conditions, it produces a deep-rooted, vivid green turf that retains its color from spring to early winter.

Staigreen contains no Ryegrass or Timothy and has a definite resistance to chinch-bug injury, to drought and to summer scald. It is recommended for all lawns, including those close to the sea, on slopes and terraces. White clover is not included in the formula, but may be sown separately, allowing 1 pound to 20 pounds of Staigreen.

**PRICE OF STAIGREEN: Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125. Postpaid east of the Mississippi.**

## The Henderson

Lawns planted with The Henderson lawn seed have a permanent quality. Customers report their lawns sown with this special mixture twenty or more years ago are as beautiful now as when first established. Cost of seed represents only a small part of the total investment in making a lawn, or outdoor living room, and it pays to buy high-grade seed.

The Henderson does not contain Bent grass, but the formula is otherwise compounded chiefly of deep-rooted permanent grasses and has met the satisfaction of many of America's foremost gardeners for more than a century.

**PRICE OF THE HENDERSON: Lb. $1.25; 2½ lbs. $3.10; 5 lbs. $6; 10 lbs. $11.50; 25 lbs. $27.50; 100 lbs. $100. Postpaid east of the Mississipp'.**

## Shady Place

BEST UNDER TREES

A formula made up of the best grasses tolerant of shade, including Chewing's Fescue, Illahee Fescue, Bents and other fine seed for establishing permanent turf. Although especially recommended for shaded areas, the proportion of grasses recommended for full sun is sufficient to make the formula adaptable where there are both sunny and shady areas.

**PRICE OF SHADY PLACE: Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125. Postpaid east of the Mississippi.**

## Greenlawn

GRASS SEED

Here we have the lowest price at which we can offer recleaned grasses up to the Henderson, Stumpp & Walter Co.'s standards of purity and high germination. Lush, green turf develops quickly. Where soil is thin and poor and the finest turf is not of utmost importance, Greenlawn is your best buy.

**PRICE OF GREENLAWN: Lb. 80c; 5 lbs. $3.50; 10 lbs. $6.75; 25 lbs. $16.50; 100 lbs. $60. These prices f.o.b. our stores. Add 5c per pound for mail or phone orders.**

**5 lbs. for $3.50**

The leaflet **"HOW TO MAKE A LAWN"** is included with all lawn grass seed orders.

COPYRIGHT 1952, BY PETER HENDERSON — STUMPP & WALTER CO.

# For 1952 New Flowers

1619 **COSMOS, Fiesta**

## A New Merger

As you probably know by now, the firms of Peter Henderson & Co. and Stumpp & Walter Co. have joined forces, pooling 158 years of know-how in the fascinating business of distributing seeds throughout the world. To ship the materials with which people create beauty in their gardens is a source of unending satisfaction . . . and we get as much of a thrill from selling seed to a big Norwegian golf club or the Emperor of Japan as we do from selling to the young marrieds with a precious 10 x 20-foot piece of ground in front of their new home. With the merging of the two firms, we are now better able than ever to supply the finest seeds, bulbs, plants and garden supplies obtainable to make gardening a pleasure for everyone.

### FIESTA COSMOS

New AAS 1952

Bring to your garden the brilliance of this winner of All-America's Top Award for 1952. Fiesta is early, loving heat and sunshine—distinct in character. Bushy plants only 2½ feet high branch freely and produce their semi-double flowers in profusion that suggests spilled gold.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

### PERSIAN CARPET ZINNIA

New AAS 1952

Flowers silver-dollar size are like tiny dahlias, with pointed petals often tipped with yellow and in greatly varied combinations. They grow in 12 to 15-inch mounds, dozens and dozens of flowers on each plant. Ideal for border planting; charming for small arrangements.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

2893 **ZINNIA, Persian Carpet.**

2749 **TITHONIA, Torch.**

### TORCH TITHONIA

New AAS 1951

And more exciting color—Torch Tithonia to combine with Fiesta Cosmos and Persian Carpet Zinnia. Choose a sunny spot to make a dazzling splash of color with these three easy-to-grow annuals, which flower madly from midsummer to frost. You will enjoy these brilliant introductions.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

# New Varieties of old Favorites

**2322**

## PETUNIA BALLERINA

### New (AAS) 1952

A new and distinctive petunia with all the grace and beauty of a true ballerina. The large fringed flowers, 3½ to 4 inches across, just cover the well-branched plants. A glowing salmon color—one of the finest shades for border composition or for beds of solid color.

**Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.**

**1869**

## HELIOTROPE

### Pacific Giant

An elegant flower developed to produce huge, sweetly fragrant clusters on strong, healthy plants with rich dark green leaves. A beautiful annual particularly valuable for combining with border perennials. Seed should be started indoors.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**2238**

## PETUNIA FIRE CHIEF (AAS)

The seedsmen's first red petunia, winner of the coveted Gold Medal Award in All-America Selections for 1950. A vibrant, flashy color that adds new zest to gardens across the country. The foot-high plants bear quantities of flowers.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1137**

## SNAPDRAGON, SKYSCRAPER

### Mixed

(See Antirrhinum, page 6)

Our tallest snapdragon. A new and outstanding strain with 3-foot main stems and laterals nearly as tall. The narrow, rigid spikes are covered with flowers in softer colors. A novelty defying comparison with standard strains.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

# Flower Seeds

**Key to Symbols**

(A) **ANNUAL.** Seed sown in the spring produces plants that flower the first year and die at the end of the season.

(P) **PERENNIAL.** From seed planted in late spring or early summer, plants will produce flowers the second season and continue year after year.

(B) **BIENNIAL.** Seed sown in spring or summer produces flowers the following year only.

(R) **ROCK GARDEN.** Subjects suitable for rock-garden planting.

**ALL-AMERICA SELECTIONS** are designated by this symbol. For years seeds of new flowers and vegetables have been grown in well-segregated trials across the country, votes of experts being cast for the most worthwhile entries. These All-America Selections we consider to be very commendable.

**1002 ACHILLEA Ptarmica, The Pearl.** (P) A light, airy subject for the center of a wide border. One of the hardiest perennials. The 2½-foot plants have attractive foliage and large clusters of small, double, creamy white flowers on stiff stems. Blooms from July to frost.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**ACONITUM**—see Monkshood, page 17.

**1008 ACROCLINIUM, Sensation Hybrid Double.** (A) **EVERLASTING.** The flower to grow for winter bouquets. An Australian native improved to produce large 3-inch blooms, fully double and varying in color from medium rose to light pink. 20 inches.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## AGERATUM

(A)

Distinctive flower beds owe much to an effective edging. Ageratum is one of the best: long-flowering and dependable. The soft round flower heads in dense clusters are produced on compact plants with dark green eaves.

**1011 Blue Perfection.** A variety growing to 6 inches, with deep blue flowers.
Pkt. 15c; 3 pkts. 40c; ¼oz. 75c; oz. $2.50

**1012 Fairy Pink.** Soft salmon-rose-colored ageratum having its first flowers when plants are very small. 5 inches.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1014 Midget Blue.** A superior variety with 4-inch plants producing masses of azure-blue flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

## ALYSSUM

The most frequently used and longest-flowering edging. Flowers are tiny, sweetly scented and arranged in thimble-shaped racemes on plants which branch freely close to the ground. Annual varieties are planted where they are to grow.

**1022 Sweet Alyssum.** *Alyssum Benthami.* (A) Valued for years as a 9-inch edging plant. Flowers white and very fragrant.
Pkt. 15c; ¼oz. 25c; oz. 75c

**1023 Little Gem.** *Alyssum maritimum.* (A) A 6-inch plant, branching close to the ground and bearing a lavish number of white racemes. Pkt. 15c; ¼oz. 30c; oz. $1

**1024 Violet Queen.** (A) A deep lavender variety, sweetly scented, dwarf and compact. Useful for added interest at the border edge.
Pkt. 15c; 3 pkts. 40c; ¼oz. 75c; oz. $2.50

**1025 White Carpet.** *A. compactum.* (A) Plants 3 inches high, crowded with tiny white flowers. Pkt. 15c; ¼oz. 30c; oz. $1

**1027 A. saxatile compactum.** (P) (R) The bright yellow flowers, borne on 15-inch plants, are equally desirable for rock garden or border. At their best from April to June.
Pkt. 15c; ¼oz. 50c; oz. $1.75

**1029 Perennial Rock Species, Mixed.** (P) (R) A blend of low-growing species effective for under-planting a level area where species tulips are established.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1032 AMARANTHUS, Molten Fire.** (A) Brilliant scarlet plumes in startling contrast to dark bronzy foliage. A successful subject for hot, dry locations. 3 to 4 feet.
Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

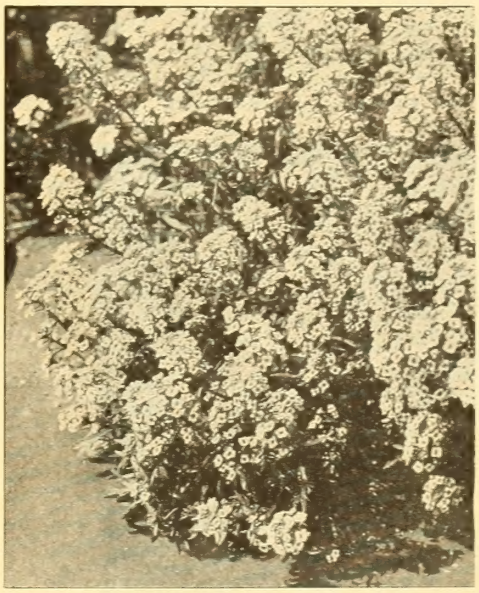
**ANCHUSA or BUGLOSS.** Blue of anchusa is valuable planted in a buffer zone between blocks of vivid color. Blues always create a sense of coolness in garden design.

**1036 Blue Bird.** (A) Intense blue flowers with white centers, freely produced on compact plants 1½ feet high.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1037 A. italica, Dropmore Var.** (P) A long-blooming hardy perennial with deep blue flowers in loose clusters on 3 to 5-foot stems during June and July.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1038 A. myosotidiflora.** (P) Blue flowers like forget-me-nots on 2-foot plants during May. Leaves are large and heart-shaped.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Ageratum, Blue Perfection



Sweet Alyssum

Anchusa myosotidiflora

## FLOWER-GARDEN COLLECTIONS

**COLLECTION A**

**12 Packets, Most Popular Annuals $1**

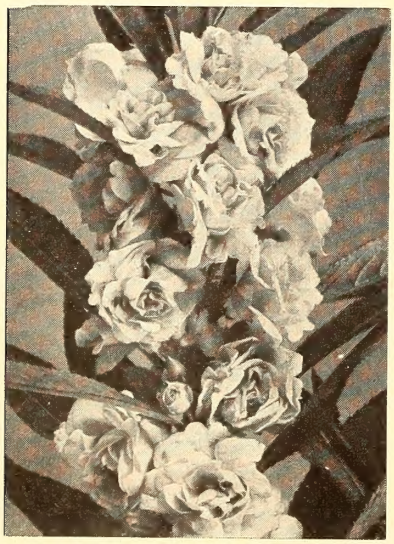
Alyssum, Little Gem
Aster, Midseason, Gt. Azure-Blue
Candytuft, Hyacinth-flowered, White
Cornflower, Blue Boy
Hunnemannia (Yellow Tulip Poppy)
Larkspur, Blue Spire
Mignonette, Allen's Defiance
Nasturtium, Large-flowered, Dwarf
Phlox, Tall, Mixed
Salpiglossis, Tall, Mixed
Shirley Poppy, Single, Mixed
Zinnia, Dahlia-flowered, Mixed

**COLLECTION G**

**12 Packets, Most Popular Perennials $1.75**

Alyssum saxatile
Aquilegia, Long-spurred, Mixed
Arabis alpina
Chrysanthemum, Alaska (Shasta Daisy)
Coreopsis grandiflora, Sunburst
Delphinium, Gold Medal Hybrids
Dianthus, Double Plumarius, Mixed
Digitalis, Giant Shirley, Mixed
Forget-me-not, Royal Blue
Gaillardia, Giant Hybrids
Poppy, Oriental, Scarlet
Pyrethrum Hybrids, Single

Aquilegia, Colossal Hybrids



Balsam, Camellia-flowered

Arctotis Hybrids

## ANTIRRHINUM (A) SNAPDRAGON

Snapdragons have long been very popular as garden subjects and a main crop in commercial flower production, furnishing spikes of attractive flowers in a very wide range of colors, shades and combinations.

**Snapdragon seed should be sown in flats indoors as early as March and transplanted to a permanent location after all danger of frost in May. Seed can be sown in the open ground, but this will mean a retarded blooming season. A high percentage of plants grown from seed of the following types will be rustproof unless specially noted.**

### Garden Types

**1137 Skyscraper Mixed.** In color, page 4. Skyscraper snapdragons—the tallest grown. Central spikes over 3 feet in height, followed by laterals nearly as tall. Colors are a blend of softer shades, and spikes are covered with flowers for half their length. You are sure to be impressed by this new introduction.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**Antirrhinum maximum** (Super-Giants; 3 ft.)
**1049 Alaska.** Pure white.
**1051 *Apple Blossom.** Light pink.
**1055 *Canary Bird.** Yellow with deeper lip.
**1057 Copper King.** Copper with gold lip.
**1058 *Copper Queen.** Bronze and old-gold.
**1059 *Crimson.** Deep crimson.
**1060 *Loveliness** Soft rose-pink.
**1061 Swingtime.** White-throated pink tipped yellow.
**1063 Yellow Giant.** Large, deep yellow spikes.
**1065 Maximum, Mixed.** Finely assorted.
**Pkt. 25c; 3 pkts. 60c; ¼oz. $1**

● **COLLECTION 2930: One each of 5 varieties marked * $1.**

**Antirrhinum majus** (Tall; 2½ ft.)
**1079 Velvet Giant.** Strong, base-branching plants bear long-flowering spikes of huge florets. Color is a remarkable velvety crimson-red, with a bronze-orange glow.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1081 Mixed Varieties.**
**Pkt. 15c; 3 pkts. 40c; ⅛oz. 60c; ¼oz. $1**

**Aristocratic Tetraploid Snapdragons**
Try growing scientifically developed tetraploid snapdragons for blooms of enormous size and regal bearing. The florets are large and vary in form.
**1050 Tetra Yellow.**
**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**1048 Tetra Mixed.**
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10; ¼oz. $1.50**

**Midget Snapdragons**
**1092 Large-Flowering Half-Dwarf.** *Antirrhinum nanum grandiflorum.* A beautiful 1-foot rust-resistant type for beds or borders, in a gay variety of colors.
**Pkt. 15c; ⅛oz. 50c; ¼oz. 85c**

### Greenhouse Types

To obtain a succession of bloom, monthly sowings are usually made, starting in July.

**1094 America.** Rose-pink, orange lip.
**Pkt. $2**

**1095 Ball's Hybrid Yellow.** Golden yellow.
**Pkt. $2**

**1097 Better Times.** American Beauty.
**Pkt. $2**

**1105 Christmas Cheer.** Winter rose.
**Pkt. $1.50**

**1108 Glorious.** Bright scarlet-bronze.
**Pkt. $2**

**1109 Hodaly's Ideal.** Carmine, shading to orange and lavender. White throat. **Pkt. $2**

**1114 Klondike Supreme.** Deep yellow.
**Pkt. $1.50**

**1115 Koster's White.** Vigorous white.
**Pkt. $2**

**1117 Lady Dorothy.** Early reddish bronze.
**Pkt. $3**

**1120 Margaret.** Creamy white.
**Pkt. $2**

**1121 Maryland Pink.** Pastel. **Pkt. $3**

**1123 Maryland White.** **Pkt. $3**

**1122 Radiance.** Large rose-pink. **Pkt. $1**

**1126 St. Louis Early Pink.** Excellent.
**Pkt. $2**

**1131 Velvet Beauty.** Rose-red. **Pkt. $1**

**1135 White Wonder Improved.** 5 feet.
**Pkt. $1.50**

## AQUILEGIA (P) COLUMBINE

A graceful plant 2½ feet high with intricate, spurred flowers on long, slender stems. Columbines are particularly desirable in association with German iris. The wide range of self-colors and flowers with contrasting color combinations make them especially interesting to grow. May–June.

**Long-Spurred Varieties**
**1141 Blue Shades** **1143 Pink Shades**
**1144 Scarlet Shades**
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1147 Crimson Star.** Blood-red with white center petals.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1151 Aquilegia longissima.** Yellow with spurs often 4 inches long. 2½ feet.
**Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25**

**1152 Colossal Hybrids.** An outstanding mixture. The enormous flowers measure about 5½ inches and have exceptionally long spurs.
**Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25**

**1146 American Hybrids.** Magnificent clusters of huge, long-spurred, single flowers in a range of colors including rich shades as well as new and delicate tints. Pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla are included in this blend.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1153 ARABIS alpina.** (P) (R) **ROCK-CRESS.** Masses of 4-petaled, showy white flowers are produced in spreading tufts during April. 1 foot.
**Pkt. 15c; ¼oz. 50c; oz. $1.75**

**ARCTOTIS.** (A) **AFRICAN DAISY.** Woolly-leaved plants with daisy-form flowers from South Africa.

**1157 Arctotis grandis.** Showy flowers, white above and lilac-blue below, with rich blue centers, are borne on 2-foot stems. Good for cutting.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1158 Hybrids.** Plants a foot high, with flowers in a mixture of colors including coppery rose, red, crimson, orange, gold and cream. **Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**1160 ARMERIA formosa, Large-Flowering Hybrids.** (P) (R) **SEA-PINK; THRIFT.** A tufted plant with dense, ball-shaped, pink, red and carmine flower heads from June to August. 16 inches.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

## ASTERS

Botanically the annual types are hybrid forms of *Callistemon chinensis*. Asters are more satisfactory if grown strictly for cutting rather than as border subjects.

Asters should have an open, sunny position. They prefer rich loamy soil and should not be grown on the same ground for two years in succession. Seed is preferably started in a sunny window, hotbed or coldframe in March, the seedlings transplanted 1½ feet apart in May. For late bloom seed may be planted in the open ground. All varieties are wilt-resistant unless noted.

### Annual Types

**Princess Asters**

An exciting new strain of asters—differing from standard varieties in form and in exquisite colors. Flowers have a deeply quilled cushion, completely hiding the center disc even when fully expanded. Flower stems average 12 inches, side blooms being as fine as those on the central stem. Plants produce 6 to 10 flowers, each measuring 3 to 3½ inches. The strain is resistant to rust and ships well without bruising. Unquestionably the finest aster for market, for bedding and for cutting.

**1170 Aurora, Golden Sheaf.** Deep yellow.
**1213 *Princess Annie.** Peach-blossom.
**1214 Princess Barbara.** Orchid.
**1215 *Princess Elizabeth.** White.
**1216 Princess Bonnie.** Rose-salmon.
**1218 *Princess Linda.** Pure rose.
**1217 *Princess Marsha.** Cinnabar-red
**1219 *Princess Margaret.** True rose.
**1217A Princess Pat.** Bright crimson.
**1219A *Princess Susan.** Clear deep blue.
**1220 Princess Mixed.** Splendid blend.

Pkt. 25c; 3 pkts. 60c; ¼oz. $1

● **COLLECTION 2991: 6 pkts. marked * $1.**

**Invincible or Early Royal.**

A superior aster, robust and wilt-resistant. Flowers are like chrysanthemums in form, 3½ to 4 inches across, double to the very center. Stems are long and ideal for cutting. Flowering is continuous from summer to frost.

**1191 Lavender**
**1192 Violet-Purple**
**1195 Pearl-Pink**
**1196 Carmine-Rose**
**1197 Pure White**
**1198 Crimson-Brilliant**
**1200 Mixed Colors**

Pkt. 15c; ¼oz. 50c; oz. $1.50

● **COLLECTION 2934: Pkt. each of six colors 75c.**

**Early Giant**

Asters fully double, 4 to 5 inches across, and possessing great decorative value for arrangements. Plant height 2½ feet.

**1221 Light Blue.** Bright, light tint to blend with other pastels.
**1223 Rose Marie.** Bright rose.
**1225 Peach Blossom.** Lavender-pink.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2936: Pkt. each of 3 colors 65c.**

**Queen of the Earlies** (Market). Valuable for early flowers. The medium-sized asters are very full, with good texture, desirable form, and long stems. 18 inches.

**1178 Crimson** — **1184 Rose-Pink**
**1180 Dark Blue** — **1186 White**
**1182 Lavender** — **1189 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2933: Pkt. each of 5 colors 60c.**

**Improved Crego.** In color, page 23.
Finest of the fancy Comet asters, with 5-inch flowers on long stems.

**1201 Azure-Blue** — **1207 Orchid**
**1202 Crimson** — **1208 Shell-Pink**
**1204 Dark Blue** — **1210 White**
**1205 Deep Rose** — **1212 Mixed Crego**

Pkt. 15c; ¼oz. 60c; oz. $2

**1259 Single Comet, Mixed**
A distinctive type for arrangements, having large flowers 5 to 6 inches across in a choice blend of colors.

Pkt. 15c; ¼oz. 50c; oz. $1.50

**Late Branching or Semple's.** In color, page 23.
Flowers of extraordinary size, standing erect on long, graceful stems. Flowers open about the first of September. 1½ to 2 feet.

**1247 Crimson** — **1251 Pure White**
**1249 Lavender** — **1253 Rose-Pink**
**1250 Purple** — **1254 Sensation** (red)
**1256 Shell-Pink** — **1258 Mixed**

Pkt. 15c; ¼oz. 60c; oz. $2

**Little Giants** (Wilt-Resistant)
A new and distinct type growing in 12-inch mounds, with numerous Crego-shaped, 4 to 5-inch flowers on each plant. Fine for bedding.

**1236A Azure Fairy.** Pure, clear lavender.
**1237A Rosamond.** Soft rose-pink.
**1238 White Mound.** Glistening pure white.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Giant Sunshine Aster.**
Not wilt-resistant. Flowers are spectacular, 4 to 6 inches across, with cushiony centers of petals and pointed outer petals. 3 feet.

**1261 Mixed Colors.**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1174 Santa Maria Super Giant.** Six-inch flowers are double and pure white, with gracefully curled petals interlacing at the center. Stout stems 2½ feet long branch freely at the base.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1171 Ball's White.** The finest midseason white aster. Flowers measure 4 inches and have broad keeled petals.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1172 Heart of France.** The best red aster. Plants 2 feet high bear large, rich deep ruby red flowers on long, strong stems.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

### Perennial Types

**1263 Aster alpinus. ROCK ASTER.** Large, soft blue flowers on 9-inch plants in May and June.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1267 A. alpinus, Mixed.** Blues, purples, violets and whites, averaging 1 foot high.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**BABY'S BREATH**—See Gypsophila, page 12.

**BACHELOR'S BUTTON**—see Centaurea, page 9.

**BALLOON - FLOWER**—see Platycodon, page 20.

**1274 BALLOON-VINE.** (A) **LOVE-IN-A-PUFF.** An interesting 10-foot vine for trellises. Small flowers and puffy green fruits nearly globular and three angled.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**BALSAM.** (A) **LADY'S SLIPPER.** *Impatiens Balsamina.* An erect plant with sparkling double or single flowers close to the stem. A fine short-blooming border flower useful in arrangements.

**1279 Double Camellia-Flowered, Mixed.** Flowers are spotted, blotched or self-colored.

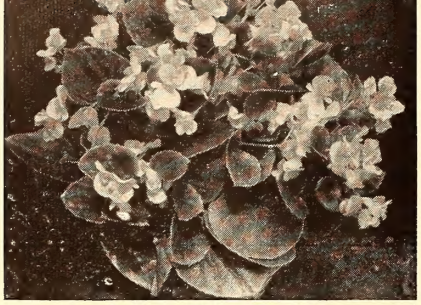
Pkt. 15c; ¼oz. 50c; oz. $1.50

**1285 Double Bush-Flowering, Mixed.** Basal-branching plants covered with double flowers. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

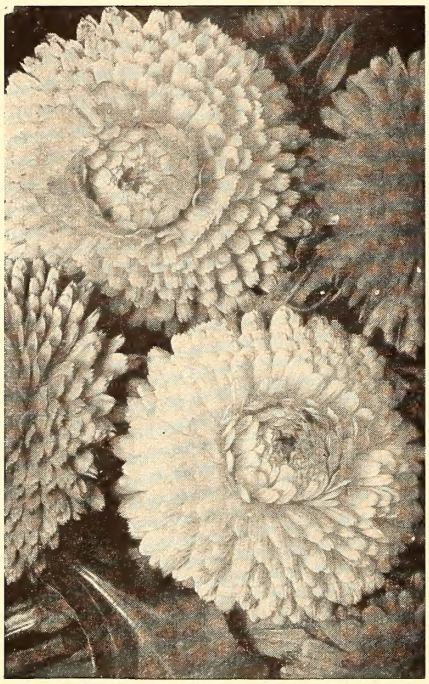
**1276 BAPTISIA australis.** (P) **FALSE INDIGO.** A hardy, July-flowering border plant growing 3 feet high, with spikes of dark blue, pea-shaped flowers and bluish green leaves.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Aster, Early Royal

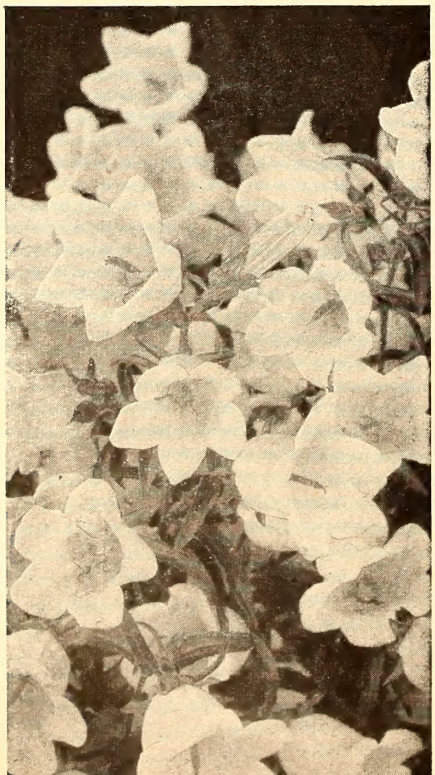


Begonia, Ile de France



Calendula, Pacific Beauty

Campanula Medium



## BEGONIAS

The following types of begonias are happy in sun or partial shade. They form dense plants about a foot high and are covered with flowers from May until frost. As pot plants, they are a mass of flowers all year.

**Begonia semperflorens**

**1288 Christmas Cheer.** Plants covered with 2-inch, cherry-red flowers.

**1289 Christmas Pink.** Beautiful bright pink.

**1291 Coral Prize.** Deep coral-pink.

**1292 King of the Reds.** Glowing scarlet; bronze-edged leaves.

**1294 Ile de France.** Plants smothered with pure white flowers.

**1295 Indian Maid.** Orange-scarlet; brown foliage.

**1297 Zahringer.** Rose-pink, 1½ to 2-inch flowers shading to white centers.

**1298 Vernon.** Blood-red flowers in profusion on 6-inch plants ideal for bedding.

**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**Begonia gracilis**

**1300 Adeline.** A dwarf bright pink.

**1303 Luminosa.** Brilliant dark scarlet.

**1304 Luminosa compacta.** A profuse scarlet-red reaching a height of only 5 inches.

**1307 Pure White.** Dwarf, with green foliage.

**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**BELLIS perennis.** (P) **ENGLISH DAISY.** The short-stemmed, flat, double daisies are familiar as an edging for spring borders. Seed sown in early summer will flower next year. We offer an improved giant strain.

**1315 Pink 1316 White 1318 Mixed.**

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1319 Double Red Quilled.**

**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**1324 BRACHYCOME iberidifolia.** (A) **SWAN RIVER DAISY.** A delicate dwarf border annual freely producing small, blue, lavender, and white flowers. Mixed colors.

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1326 BROWALLIA speciosa major.** (A) Large, violet-blue, tubular flowers on 12-inch plants during summer and fall. Pinching induces bushy development.

**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**CALCEOLARIA.** (A) A conservatory plant sometimes used for bedding. The pouch-shaped flowers range in color from white and yellow to orange and maroon, many with conspicuous spots.

**1329 Giant Strain.** Developed in England for very large flowers.

**1332 Calceolaria multiflora nana, Mixed** Dwarf plants producing a profusion of flowers in combinations of yellow, orange and brown.

**Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25**

## CALENDULA (A) POT MARIGOLD

One of the easiest flowers to grow for a vivid splash of color in the annual border or for showy cut flowers. Calendulas are often grown as a short greenhouse crop during the winter.

**1335 Campfire (Sensation).** Large, flat, brilliant orange variety with scarlet sheen. The best calendula for forcing.

**1336 Calendula chrysantha, Sunshine.** Clear buttercup-yellow with long, wide petals drooping to give the large, double flowers a globular outline.

**1337 Double Art Shades.** Pastel cream, apricot, yellow and tangerine.

**Pkt. 15c; ¼oz. 35c; oz. $1.25**

**1368 Calendula Cut-Flower Mixture.** All colors and types.

**Pkt. 15c; ¼oz. 60c; oz. $2**

**Pacific Beauty Calendulas**

By far the finest calendulas in cultivation. Bred for large flowers, refined form, long straight stems and clear color. Resistance to summer heat is one of the greatest attributes, for it extends their flowering period considerably.

**1345 Cream Beauty.** Delicate creamy white shading to soft yellow.

**1347 Apricot Beauty.** A superior apricot-colored calendula with two-toned effect.

**1348 Lemon Beauty.** Pure lemon-yellow with long, wide petals and well-filled centers.

**1349 Persimmon Beauty.** Brilliant persimmon-orange.

**1346 Mixed Beauty.** All available colors.

**Pkt. 15c; ¼oz. 50c; oz. $1.50**

**CALIFORNIA POPPY**—see Eschscholtzia, page 12.

**1380 CALLIOPSIS, All-Double Mixed.** (A) Daisy-like flowers borne on long, wiry stems, with broadened petals often fluted or notched at the outer edge. Select doubles in yellow, orange and mahogany. 2 to 2½ feet. **Pkt. 15c; ¼oz. 35c; oz. $1.25**

## CAMPANULA

Annual, perennial and biennial plants with bell-shaped flowers. A garden favorite for generations. Most of these campanulas can be grown in sun or partial shade.

**1392 Annual Canterbury Bells.** Sown indoors during February or March and transplanted to open ground after danger of frost, plants will bloom in September. Available in mixed colors only.

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**Campanula Medium** (B)

Bell-form, 1-inch flowers in June if seed is sown the previous summer. The seedlings should have winter protection. Single varieties in separate colors:

**1381 Dark Blue** **1383 Rose**

**1382 Light Blue** **1384 White**

**1387 Mixed**

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1388 Double Mixed Canterbury Bells.** Sown indoors during February or March and transplanted to open ground after danger of frost, plants will bloom in September. Available in a choice mixture only.

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**Campanula calycanthema.** (B) **CUP AND SAUCER BELLS.** Large single flowers.

**1393 Dark Blue** **1395 Rose**

**1394 Light Blue** **1396 White**

**1397 Mixed**

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1401 C. carpatica.** (P) (R) A dwarf blue flowering on densely tufted plants 6 inches high from June to October.

**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1406 C. persicifolia grandiflora alba.** (P) **WHITE PEACH BELLFLOWER.** Shallow flowers on 2 to 3-foot stems in June and July.

**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1407 C. persicifolia grandiflora, Telham Beauty.** (P) Large blue flowers on 4-foot stems. **Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**1411 C. pyramidalis.** (B) **CHINESE BELLFLOWER.** The tallest bellflower, reaching a height of 5 feet. Plants are pyramidal, with many blue flowers in August and September. Staking is essential.

**Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c**

**1414 C. rotundifolia.** (P) **SCOTCH HAREBELL.** Light blue flowers on slender, foot-high stems from June on.

**Pkt. 50c; 3 pkts. $1.25**

## CANDYTUFT

Masses of fragrant flowers in flattened clusters on broad plants ideal for the border foreground. Start seed indoors or outside.

### Annual Varieties

**1418 Giant Hyacinth-flowered.** Very large, pure white flowers borne well above the foliage. 1½ feet.
Pkt. 15c; 3 pkts. 40c; ¼oz. 60c; oz. $2

**1419 The Gem.** A 4-inch miniature candytuft with quantities of white flowers.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**Mammoth-Flowered.** A dwarf type 10 inches high, with large flowers that are showy for edging or bedding.

**1423 Lavender** **1422 Flesh-Pink**
**1428 Mixed**
Pkt. 15c; 3 pkts. 40c; oz. $1

### Perennial Varieties

Beautiful with May-flowering tulips, and valuable for rock or wall gardens.

**1429 Iberis gibraltarica.** White, shaded pink-purple.

**1430 I. sempervirens.** Strong-growing, with large heads of white flowers. 15 inches.
Pkt. 25c; 3 pkts. 60c; ¼oz. $1, oz. $3.50

**CANTERBURY BELLS**—see Campanula, page 8.

**1432 CARDINAL CLIMBER.** (A) A dainty climber with finely cut foliage and hundreds of cardinal-red flowers. To 30 feet with support.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**CARDINAL FLOWER**—see Lobelia, page 16.

## CARNATIONS

**Annual varieties should be started indoors and transplanted when 2 inches high.**

**Enfant de Nice.** (A) Superb giant carnations 2½ to 3 inches across, fully double, with wavy petals and long, strong stems.

**1433 Red** **1435 Salmon** **1437 White**
**1434 Rose** **1436 Striped** **1440 Mixed**
Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**Giant Double King or Chabaud.** (A) The large, sweetly perfumed flowers can be produced from seed in five months and should be allowed to develop only one flower to a stem.

**1441 Maroon** **1443 Red** **1445 White**
**1442 Pink** **1444 Rose** **1446 Yellow**
**1449 Mixed**
Pkt. 25c; 3 pkts. 60c; ⅛oz. 85c; ¼oz. $1.50

● **COLLECTION 2943: Pkt. each of 6 colors $1.15.**

**1460 Marguerite Mixed.** A delightful assortment of small, mostly double and fringed flowers. In bloom from August to frost.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**Dwarf Grenadin.** (P) Early, large, double flowers on 14-inch plants.

**1450 King of the Blacks** **1453 White**
**1451 Rose Queen** **1454 Yellow**
**1452 Scarlet** **1457 Mixed**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1458 CASTOR BEAN.** (A) *Ricinus.* A plant with great decorative value and bold tropical growth, making a broad mass 4 to 5 feet high in a season. For early effect, seed should be started indoors. Mixed.
Pkt. 15c; oz. 30c; lb. $1

**1518 CERASTIUM tomentosum.** (P) (R) **SNOW-IN-SUMMER.** A dwarf, creeping plant forming dense mats, with silver foliage and myriads of tiny white flowers in June. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## CELOSIA (A) COCKSCOMB

### Cristata Type

The heavy, velour-textured heads are spectacular and have inspired some very novel flower arrangements.

**Gilbert's Prize-Winning Strain.** Plants grow 3 to 4 feet high and must be pinched when young to induce branching. The long-stemmed flowers are ruffled and globular, measuring 8 to 14 inches across.

**1486 Gilbert's Rose Beauty.** Bright rose-pink on a silver base.

**1484 Gilbert's Maple Gold.** Round pink heads, each ruffled segment tipped brilliant gold.

**1485 Gilbert's Green Gold.** A combination of gold and a delightful shade of green.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

AAS **1487 Royal Velvet.** Handsome heads of rich deep crimson on plants 2 feet high.

**1480 Crimson King.** Blood-red.

**1483 Dwarf Mixed.**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

### Plumosa Type

**Celosia plumosa. FEATHERED COCKSCOMB.**
Familiar, bright-colored plumes in contrast to richly colored foliage. Frequently dried for winter bouquets. 2 feet.

**1465 Crimson** **1466 Yellow** **1467 Mixed**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1473 C. Thompsoni magnifica, Improved Strain Mixed.** Feathery, pyramidal plumes in magnificent shades. 2½ feet.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

### Pyramidalis Type

**1468 Celosia Childsi. CRIMSON OR CHINESE WOOLFLOWER.** Showy, globular flower heads like wool chenille, from midsummer to late fall. Flower color is rich crimson; foliage deep green. Plants 2 to 3 feet high and 2 feet across.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## CENTAUREA

### Annual Varieties

One of the easiest annuals for the amateur, adding color in the garden over a long period and furnishing many cut flowers. Sow seed from May to July.

**Centaurea Cyanus. CORNFLOWER OR BACHELOR'S BUTTON.** Three-foot plant with large, double flowers.

**1489 Black Boy** (maroon) **1492 Red Boy**
**1490 Blue Boy** **1493 Snow Man**
**1491 Pinkie** **1497 Mixed**
Pkt. 15c; ¼oz. 35c; oz. $1.25

● **COLLECTION 2944: Pkt. each of 5 colors 60c**

AAS **1494 Jubilee Gem.** A plant only 1 foot high, producing a wealth of intense blue flowers.
Pkt. 15c; ¼oz. 50c; oz. $1.50

**1506 C. imperialis. GIANT SWEET SULTANS.** Large, fluffy flowers on 2½-foot plants with interesting buds and bold foliage. A mixture of white, pink, purple, lilac and red. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1513 C. gymnocarpa. DUSTY MILLER.** An 18-inch plant grown for silver-green leaves. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

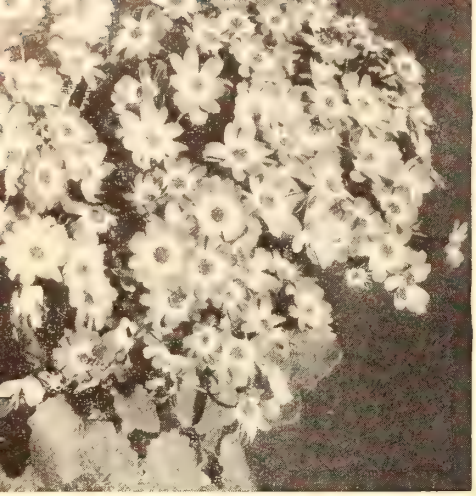
### Perennial Variety

**1511 C. montana. PERENNIAL CORNFLOWER.** Large violet flowers from July to September. 2 feet.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Candytuft, Giant Hyacinth-flowered

Carnation, Double King

Centaurea Cyanus



Cineraria, Cremer's

Cleome, Helen Campbell

Cobaea scandens

**1545 CHEIRANTHUS Allioni.** (P) **SIBERIAN WALLFLOWER.** The bright orange flowers will bloom in May and June if seed is planted early in March. Plants a foot high.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## CHRYSANTHEMUMS

Annual varieties flower for many weeks when sown early in spring.

**1525 Eldorado.** (A) Large, single, deep yellow flowers with a ring of reddish brown. 2 feet.

**1528 Golden Crown.** (A) Strong, well-branched plants 3 to 4 feet high, with silver-green leaves and double, bright yellow, quilled flowers.

**1533 Single Mixed Annual Chrysanthemums.**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.50

**1537 Korean Hybrids.** (P) Many popular hybrids have originated from our strain of this seed. Bushy plants produce quantities of single flowers in many colors. 2 feet.
Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25

**CINERARIA.** Daisy-like flowers grown in the North under glass and started early from seed for spring and summer flowering in the South. Colors include the rich reds, blues and violets of stained-glass windows.

**1550 California Super-Giants, Mixed.** A prize strain with an abundance of 1 to 1½-inch flowers. Pkt. 75c; 3 pkts. $2

**1554 Cremer's Prize Strain.** Large flowers with overlapping petals in many rich colors. Resistant to wilt. Pkt. $1.50; 3 pkts. $4

**1565 CLARKIA elegans, Double Mixed.** Delicate flowers set in leafy spikes. Soft rose, pink and white effectively blended.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1569 COBAEA scandens.** (A) **CUP AND SAUCER VINE.** Large, bell-shaped, purple flowers on vines growing 30 to 50 feet and clinging to any rough surface. Sun or partial shade. Seed should be started indoors in February and March.
Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c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Valuable material on garden planning, soil preparation, lawn making, flower and vegetable gardens, roses, etc.

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## CLEOME (A) SPIDER FLOWER

**1567 Helen Campbell.** An outstanding new pure white cleome to add border interest. Plants set a foot apart in a bed intermingle and form a solid mass of green beneath the flowers.

**1566 Pink Queen.** A beautiful salmon-pink cleome which gains in popularity as its superb qualities are appreciated. Long flowering.
Pkt. 20c; 3 pkts. 50c; ¼oz. $1

**COCKSCOMB**—see Celosia, page 9.

**COLUMBINE**—see Aquilegia, page 6.

**1577 COREOPSIS grandiflora, Double Sunburst.** Bright golden yellow, 3-inch flowers in profusion.

**1578 Mayfield Giant.** Single, intense yellow flowers on long stems. Very vigorous.
Pkt. 15c; 3 pkts. 40c; ¼oz. 50c

**CORNFLOWER**—see Centaurea, page 9.

## COSMOS

(A)

Another annual of easiest culture, valuable for its graceful habit and long flowering season. Seed should be sown outside in early May and thinned to 1½ feet apart.

**1619 Fiesta.** The Top AAS Award Winner for 1952. In color, page 3. An exciting cosmos in the festival colors of Old Mexico. Fiesta has brilliant flowers of scarlet striped with gold, semi-double form and ruffled petals in a profusion that suggests spilled gold. The well-branched plants are 2½ feet high.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Sensation Cosmos.** A new early single strain with exceptional size and color—often 4 to 5 inches across, with fluted petals. Flowers may be expected in 10 weeks. Four feet unless noted otherwise.

**1595 Dazzler.** Giant, amaranth-crimson cosmos on plants that start flowering at 30 inches but reach 5 to 6 feet at maturity.

**1607 Radiance.** A novelty cosmos 5 feet high with an inner zone of deep crimson, and yellow stamens. A great beauty.

**1592 Crimson Sensation**

**1593 Pinkie**

**1594 Furity** (white)

**1596 Single Mixed**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1603 Sensation, Double Mixed.** Spectacular. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**1585 Early Dwarf Crested, Mixed Beauty.** Unusually large, early flowers on 2½ to 3-foot plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Late Tall Single Cosmos.** Late-blooming varieties with large flowers on 5-foot plants.

**1608 Crimson**

**1609 Lady Lenox** (rose-pink)

**1610 Lady Lenox White**

**1613 Mixed**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**CYCLAMEN.** A standard greenhouse crop sometimes grown from seed planted in the fall. A 15-month period is required between seed sowing and maturity.

**1635 Mixed Colors.** Giant cyclamen developed by European specialists.
10 seeds 75c; 50 seeds $3; 100 seeds $5

**1636 CYNOGLOSSUM amabile, Firmament.** (A) **CHINESE FORGET-ME-NOT.** The 15-inch plants bear quantities of small, fragrant, indigo-blue flowers on stiff but graceful stems.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## DAHLIAS

Dwarf dahlias grown from seed started in early spring are yearly gaining popularity for bedding and cut flowers. Flowers may be expected in four months and will continue for many weeks. Larger types cannot be expected to reach the size of plants grown from tubers.

**1639 Coltness Hybrids, Mixed.** An excellent mixture of colors and all single flowers.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1642 Dwarf Bedding, Mixed.** A fine mixture of double and semi-double flowers in a wide range of colors.
Pkt. 35c; 3 pkts. 90c; ¼oz. $1.25

**1643 Miniature Types, Mixed.** A choice mixture of fine colors.
Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25

**1638 Tall Cactus, Mixed** Seed carefully selected from fine plants with cactus-type flowers. Pkt. $1; 3 pkts. $2.75

**1641 Giant Exhibition, Mixed.** Recommended as seed that will produce the largest and best varieties. Pkt. $2; 3 pkts. $5.50

**DAISY, AFRICAN**—see Arctotis, page 6.

**DAISY, PAINTED**—see Pyrethrum, page 20.

**DAISY, ENGLISH**—see Bellis, page 8.

**DAISY, SWAN RIVER**—see Brachycome, page 8.

**DAISY, TRANSVAAL**—see Gerbera, page 12.

## DELPHINIUM

(P)

Most perennial borders require a few clumps of delphinium for height and accent. Tall 5 to 6-foot spikes produce heavy masses of interesting florets in rich purples and blues, whites and lavenders. Delphinium is at its height from June to August, but sends up smaller flowering spikes late in the season. Seed should be planted in spring or early summer to produce flowers the following year.

### Giant Pacific Hybrids

*In color page 76*

Unquestionably the finest strain of hybrid delphinium in cultivation, developed to produce huge, well-proportioned, vigorous spikes on plants resistant to mildew. These superb delphiniums have a majesty not possessed by any other flower and are invaluable in garden design.

**1657 Astolot Series.** Assorted novel shades in lavish colors from pale blush through all shades of lilac-pink to deep raspberry-rose, with large brown, fawn and black bees. An introduction with an immediate appeal. **Pkt. $1.50; 3 pkts. $4**

**1646 Black Knight Series.** The darkest violet. Florets are 2½ to 3 inches across, with velvety texture and luminous color, emphasized by black bee centers.

**1647 Blue Bird Series.** Clear medium blue with white bees. The 2½-inch flowers cling to long, graceful spikes. A new standard in blues.

**1648 Blue Jay Series.** Medium to dark blue, intense, and alive, with dark bee.

**1649 Cameliard Series.** Clear lavender self with white bee. Florets average 3 inches in diameter on beautifully proportioned stalks.

**1651 Galahad Series.** Large, clear white flowers with glistening, heavy texture.

**1652 Guinevere Series.** A clear, pink-lavender self with white bee. Exhibition quality.

**1653 King Arthur Series.** Rich royal purple with velvety texture and large white bee.

**1654 Summer Skies Series.** Bright heavenly blue and contrasting white bees. The finest blue delphinium.

**1658 Lancelot Series.** Clear lavender self with white bee.

**1655 Round Table Series.** A blend of superior Pacific Hybrids, including many beautiful colors not yet introduced.

Pkt. $1; 3 pkts. $2.75; 6 pkts. $5

Cosmos, Sensation

**1660 Mixed Pacific Hybrids.** A mixture of varieties in the standard Pacific Hybrid Series, and very popular with our clients.

Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25

**1645 Gold Medal Hybrids.** A pleasing selection of large delphiniums in a fine variety of colors.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**1661 Delphinium Belladonna.** Long-flowering, turquoise-blue flowers in 5-foot spikes.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1663 Cliveden Beauty.** An improved Belladonna with 5-foot stalks of large, bright blue flowers.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1668 D. chinense, Blue Butterfly.** Gentian-blue flowers on plants with many flower spikes and finely divided leaves. 1½ feet.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1670 D. Bellamosum Improved.** A darker blue similar in habit to Cliveden Beauty.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10


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A year-round guide to practical home gardening, richly illustrated in color and featuring a loose-leaf binding and index tabs for quick reference and easy addition of personal notes. There are valuable sections on planning the home grounds and on techniques for growing a wide variety of plant material. A book to be enjoyed for years—a book you will be proud to own.


Delphinium, Pacific Hybrids

## DIANTHUS—PINKS

Perhaps no flower is more closely associated with old gardens than dianthus of one type or another. Their sweet, spicy fragrance and delicate form make them great favorites everywhere.

**1677 Dianthus chinensis CHINA PINK.** (A) Plants 9 to 12 inches tall, with double flowers. Mixed colors.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1689 D. laciniatus, Gaiety.** (A) Large, fringed, single flowers in a brilliant range of colors. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1687 Westwood Beauty.** (A) A single pink 12 inches high, with flower color from fiery crimson to deep velvety red.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1693 D. Alwoodi.** (P) A dianthus developed in England and offered in a mixture of many colors with plain to very fringed petals. June-flowering. 12 to 18 inches.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1702 D. plumarius, Single Mixed.** (P) Plants with grass-like foliage producing an abundance of very fragrant flowers with jagged or fringed petals in June. White to bright scarlet. 12 inches.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1703 D. plumarius, Double Mixed.** (P) Double form of *D. plumarius* in a superb mixture of colors, many flowers being spotted and variegated.

Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

**1704 Sweet Wivelsfield, Mixed.** (B) Variety of color and long flowering season of this multiflora type make it a valuable border biennial. Seed sown early indoors will flower from June to November of the same year.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1714 DIDISCUS caerulea.** (A) **QUEEN ANNE'S LACE.** Three-inch, umbrella-shaped clusters of sky-blue flowers on 2-foot plants. Sow seed in May.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## FOXGLOVE (B) DIGITALIS

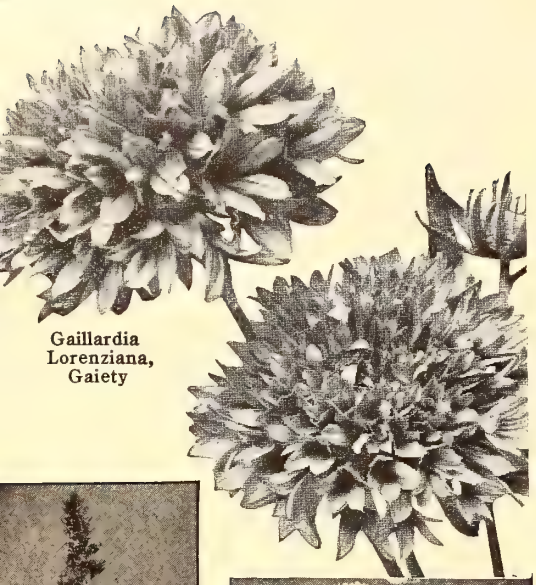
For planting in partial shade through a border or along the edge of woodland, foxgloves add a stately grace and in such a situation are unsurpassed by any tall perennials. At their best in June and July. 4 to 5 feet.

**1721 Giant Shirley, Mixed.** Tall, bold spikes in colors extending from pure white to dark rose.

**1720 Gloxiniaeflora, Mixed.** Beautiful spotted gloxinia-like flowers in an assortment of fine colors.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

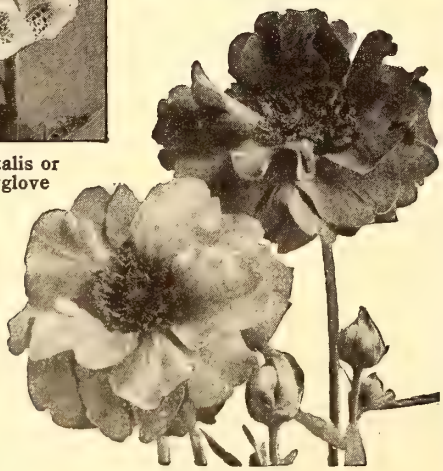
Dianthus chinensis



Gaillardia Lorenziana, Gaiety

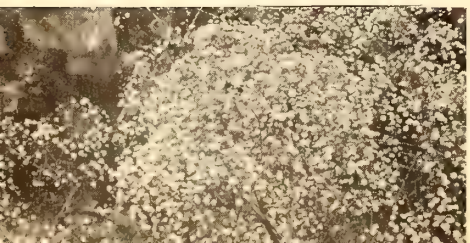
Digitalis or Foxglove

Globe Amaranth



Geum, Mrs. Bradshaw

Gypsophila paniculata



**1727 DIMORPHOTHECA aurantiaca Hybrids.** (A) **CAPE MARIGOLD.** Single flower varying from white through yellow and orange to salmon. Ideal low plants for a sunny spot. Sow seed in the open. 1 to 1½ feet. **Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1734 DORONICUM caucasicum.** (P) **LEOPARDSBANE.** Gay, yellow, daisy-like flowers 3 inches across during May and June. 8 inches. **Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**1740 ECHINOPS Ritro.** (P) **GLOBE THISTLE.** A coarse, thorny plant 3 feet high with round heads of fine steel-blue thistles in July. They add border interest and are decorative in arrangements.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1742 EDELWEISS.** *Leontopodium alpinum.* (P) The Swiss national flower. Felty-textured, white blooms have irregular pointed petals and are borne on flat plants with woolly foliage. Good for the rock garden, but requiring special care to start and to retain. 6 to 12 inches.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1762 ESCHSCHOLTZIA, Choice Mixed.** (A) **CALIFORNIA POPPY.** One of the easiest annuals to grow. Flowers range in color from white through yellow to deep orange and include some salmon and rose shades. Seed should be sown in a sunny place where flowers are to bloom. 9 to 12 inches.

**1752 Golden West.** Flowers of intense shining yellow, some with orange blotches.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1763 EUPHORBIA variegata.** (A) **SNOW-ON-THE-MOUNTAIN.** A 2-foot, bushy plant with light green foliage edged white.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**FLAX**—see Linum, page 16.

## FORGET-ME-NOT (P) (R) MYOSOTIS

An ideal plant for the foreground of a border, especially effective combined with tulips of contrasting color. Varieties of *Myosotis alpestris* bloom in May, and of *M. palustris* in May and for weeks after. Free-branching growth with some tendency to sprawl, and averaging a foot or less in height.

**2118 Myosotis alpestris, Royal Blue.** Vivid violet-blue.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**2120 M. alpestris Victoria Blue.** Bushy plants 8 inches high, with indigo-blue flowers.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**2119 M. semperflorens.** Everblooming forget-me-not. Large, clear blue flowers.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**2117 M. semperflorens, Ruth Fischer.** Large blue flowers 1½ inches in diameter. Height 12 inches.
**Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25**

**1769 FOUR-O-CLOCK.** (A) **MARVEL OF PERU.** *Mirabilis Jalapa.* One of the hardiest annuals for difficult city conditions and tolerant of some shade. An abundance of red, yellow or white flowers open only in cloudy weather or in late afternoon. A fine mixture. 2 to 3 feet.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1789 GERANIUM.** *Pelargonium domesticum.* Familiar and colorful clustered flowers with palette-shaped, pungent leaves, for pot plants or featuring in beds or window boxes. Growing our special mixture of colors from seed is a fascinating project. Reds, crimsons, pinks and whites included.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

## GAILLARDIA—BLANKET-FLOWER

No indoor seed planting is necessary to have colorful annual gaillardias by midsummer—or even to have flowers on the perennial type late in the season if seed is started early. Excellent for cutting.

**1773 Gaillardia aurea.** (A) Single, rich yellow.

**1774 Indian Chief.** (A) Single, bronze-red.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1776 G. Lorenziana, Double-Flowering Gaiety.** (A) Crimson, garnet, lemon and orange-colored gaillardias with full round heads made up of thickly clustered florets.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1779 Giant Hybrids, Mixed.** (P) Large-sized flowers in all the rich yellows, oranges and dusky reds of hardy varieties.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1791 GERBERA Jamesoni Hybrids.** (P) **TRANSVAAL DAISIES.** A greenhouse subject in the northern United States; successfully used for beds and borders in the South and along the West Coast. A mixture including soft red, cerise, salmon, orange, yellow and white.
**Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**GEUM.** (P) Vivid semi-double or double flowers with yellow centers, adding brilliance to a border from May to October. 18 inches.

**1793 Lady Stratheden.** A large, semi-double, golden yellow.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1794 Mrs. Bradshaw.** Flashing orange-scarlet. 18 inches.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1795 Orange Queen.** A beautiful double orange favored for cutting as well as for a choice border plant.
**Pkt. 25c; 3 pkts. 40c; 6 pkts. 75c**

**1805 GLOBE AMARANTH, Mixed.** *Gomphrena globosa.* (A) A long-flowering, stiff little annual with flowers resembling clovers, which can be dried for winter arrangements. The uncompromising colors should be used with care in a garden plan. Well-branched plants 18 inches high.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**GLOBE THISTLE**—see Echinops, page 12.

**1808 GODETIA, Azalea-Flowered.** (A) Double pink flowers with deeper shading nestled in delicate leafy racemes.

**1813 Tall Double Mixed.** Large numbers of satiny flowers in varied colors.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1831 GOURDS, Mixed.** (A) Climbing plants always popular because of their curiously shaped fruits, varied colors and decorative value when shellacked and arranged in bowls or baskets.
**Pkt. 15c; 3 pkts. 40c; oz. 60c**

**GYPSOPHILA. BABY'S BREATH.** Few gardens of our forefathers were without baby's breath in either annual or perennial variety. For a soft, misty effect either in the garden or with other cut flowers, it has no equal. Culture is very simple.

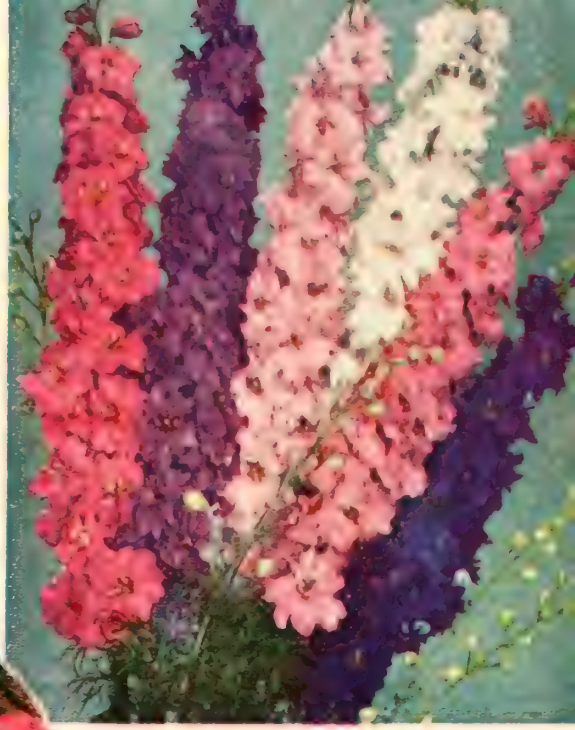
**1832 Gypsophila elegans grandiflora alba, Paris Market.** (A) A large-flowering white. 1½ feet. **Pkt. 15c; 3 pkts. 40c; oz. 75c**

**1837 G. paniculata.** (P) White flowers the first year from seed sown early in spring.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1838 G. paniculata fl. pl.** (P) Small double flowers on broad 3-foot plants.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1839 G. pacifica.** (P) Soft pink flowers that open later than those of *G. paniculata.* 4 feet. **Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

# Lovely Annuals for Color and Cutting



## 1220 PRINCESS ASTER, MIXED

A new type of aster rapidly gaining the lead in the flower world. Year after year the variety of colors has been expanded to include a wide range of beauties, all borne on long, strong stems on plants resistant to disease.

Pkt. 25c; 3 pkts. 60c; ¼oz. $1

● **COLLECTION 2991: 6 pkts. individual colors $1.** *(For description, see page 7)*

## LARKSPUR, GIANT IMPERIAL

One of the finest larkspurs, with spikes 5 feet high, which come in a fine selection of beautiful colors for use at the back of an annual border. Larkspurs are ideal for height in arrangements.

**1940 MIXED**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2956: Pkt. each of 5 varieties 60c.** *(See page 16 for descriptions)*

**2410**

## PORTULACA, DOUBLE MIXED

A brilliant, easy-to-grow, 6-inch ground cover for a bright, sunny location.

Pkt. 25c; 3 pkts. 60c

● **COLLECTION 2983: 4 pkts. individual colors 75c**

*(For detail, see page 20)*

←

**1566**

## CLEOME, PINK QUEEN

A long-blooming flower with fascinating form and delightful color. One of the easiest to grow.

Pkt. 20c; 3 pkts. 50c

→

**1462**

## DAHLIA, DWARF BEDDING MIXED

Grand for colorful beds in sun or partial shade. Excellent for cutting.

Pkt. 35c; 3 pkts. 90c

# *Easy-to-Grow Long-Flowering Annuals*

**They Thrive on Casual Care!**

**2050 MARIGOLD, Glitters**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**VERBENA 2768 Lavender Glory**
**2764 Beauty of Oxford**
Pkt. 25c
3 pkts. 60c
(See page 22)

**2513**
**SCABIOSA**
**Tall Mixed**
Pkt. 15c; 3 pkts. 40c
**Collection, see page 20**

**MORNING-GLORIES**

**1912**
**Heavenly Blue**

**1914**
**Scarlett O'Hara**

Pkt. 20c
½oz. 60c
(See page 15)

**2062**
**MARIGOLD**
**Butterball**
Pkt. 15c;
¼oz. 50c;
oz. $1.50

**Other Marigolds page 17**

**1865 HELICHRYSUM, Mixed.** (A) **STRAWFLOWER.** A lavish display of crisp, rustling, double flowers in a wide variety of sparkling colors from seed sown early and transplanted to the border in May. The best flower for color in winter bouquets. 2½ feet. **Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

## HELIOTROPE

**1869 Pacific Giant.** In color, page 4. A touch of colonial elegance for the flower border. Enormous clusters of small, deep lavender flowers heavy with sweet fragrance above rich green leaves. New and highly recommended. Well-branched plants 2½ to 3 feet high.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1868 Lemoine's Giant Mixed.** (A) Fragrant, lavender and white flower clusters on husky plants. Valued for long flowering season and adaptability to partial shade.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1875 HIBISCUS, Giant-Flowering Mixed** (P) Form resembles a single hollyhock flower. Color combinations include white, red and pink. 5 feet.
**Pkt. 15c; 3 pkts. 40c; 6 pkts 75c**

## HOLLYHOCKS

(P)

The long, majestic spikes of the hollyhock have for centuries been a garden favorite, particularly as a feature in herbaceous borders. Height 6 to 9 feet.

**1895 Indian Spring.** By early spring planting, flowers may be produced the same year, but twenty weeks are required. Semi-double and double flowers in shades of pink. 5 feet.
**Pkt. 15c; 3 pkts 40c; 6 pkts. 75c**

**1896 Indian Summer.** Sown in April or before, there may be flowers the same year. Flowers are large and double, in varied bright colors.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

**1882 Haile Selassie.** Large, semi-double, deep maroon flowers accented with yellow stamens. **Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75**

**Chater's Superb Doubles.** Magnificent tall spires in individual and mixed colors.

**1886 Newport Pink** **1885 Deep Rose**
**1888 Salmon-Rose** **1887 Pure White**
**1890 Sulphur-Yellow** **1889 Scarlet**

**1893 Double Mixed**
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; ¼oz. $1**

**1894 Superb Single Mixed**
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1898 HONESTY.** *Lunaria annua.* (P) For hundreds of years honesty has been grown in gardens both for the white and purple flowers and for the novel seed pods, which are circular and transparent like very thin parchment. The pods are dried and used for winter bouquets. Plants should be started in May to flower the following year, and will grow to 2 feet.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1901 HUNNEMANNIA, Sunlite.** (A) **MEXICAN TULIP POPPY.** Sunny, poppy-like flowers above finely cut, light green foliage. Seed should be started early in the spring, sowing seed 3 in each clay or paper pot, as poppies of all kinds resent having their roots disturbed by transplanting. Full sun is essential. To 1½ feet. **Pkt 15c; 3 pkts. 40c; 6 pkts. 75c**

**IBERIS**—see Candytuft, page 9.

**1908 IMPATIENS Sultani Hybrids.** (A) Two-foot plants bearing 1½-inch flowers with up-curved spurs, sometimes twice as long as the petals. Flowers are bright carmine. Used successfully in partially shaded beds or window boxes.

**1905 I. Holsti Hybrids, Mixed.** (A) Three-foot plants bearing a profusion of 1¾-inch, spurred flowers in a mixture of orange, red, pink and white.
**Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10**

## Ipomoea (A)
## MORNING-GLORY

The world's favorite annual climber, covering trellises, arbors or fences with delicate beauty and sporting huge, colorful flowers throughout the summer and fall.

**1914 Scarlett O'Hara.** Great carmine morning-glories with 3½-inch flowers. Especially effective against white.

**1913 Pearly Gates.** Showiest of white climbing flowers, averaging 4-inch diameters. Try this spectacular variety against green or red.

**1912 Heavenly Blue.** A gorgeous, clear blue flower with white throat. Very dramatic when grown on brown fence-posts.
**Pkt. 20c; ½oz. 60c; oz. $1**

● **COLLECTION 2955: Pkt. each of 3 colors 50c.**

**1920 Darling.** A wine-colored variety similar to Scarlett O'Hara but enhanced with showy white centers.
**Pkt. 25c; ½oz. 75c; oz. $1.25**

**1918 Mixed Imperial.** Famous Emperor morning-glories with large flowers and a variety of exquisite colors.
**Pkt. 15c; 3 pkts. 40c; oz. 75c**

**1916 MOONFLOWER.** *Ipomoea mexicana alba.* When accent is on a terrace planting for evening enjoyment, moonflowers should be featured, for they are showiest at night or on dull days.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

**1928 KOCHIA Childsi.** (A) **MEXICAN FIREBUSH.** A broad, pyramidal annual with dense, feathery, light green foliage, changing to crimson in September. Valuable for temporary effect where more permanent shrubs are to be set later. Seed should be started early indoors.
**Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c**

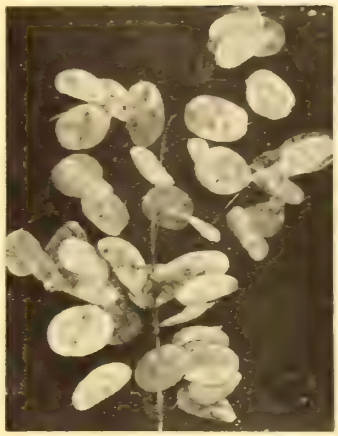
**LANTERN PLANT**—see Physalis, page 20.

### COLLECTION H
**12 Packets, Perennials for Rock Gardens**
$1.75

Alyssum, Silver Queen
Arabis alpina rosea
Armeria, Large-flowering Hybrids
Campanula carpatica
Candytuft (*Iberis gibraltarica*)
Cheiranthus Allioni
Dianthus Allwoodi, Mixed
Geum, Lady Stratheden
Linum perenne, Blue
Polyanthus, Giant, Mixed
Poppy, Iceland, Single, Mixed
Saponaria ocymoides

Hunnemannia, Sunlite

Honesty (Lunaria annua)



Helichrysum, Mixed

Hollyhock, Chater's Double

## LARKSPUR

(A)

Larkspurs are among the easiest annuals to grow, for it is not essential that seed be sown indoors. Sowing seed as early as the soil can be worked in spring is recommended in the North, since the flowering stems are best before the heat of summer. Farther south seed is best sown in the fall to flower the following summer; seedlings stand considerable cold. A flower that belongs in every garden.

**New Supreme Larkspurs.** Excellent for cutting. Vigorous, base-branching plants with a central spike 4 to 5 feet high, produce heavy formations of double florets composed of large, widespread petals. Colors are clear and radiant.

**1943 Dark Blue** — **1948 Rose**
**1944 Lilac** — **1949 Salmon**
**1945 Pink Supreme** — **1947 Mixed**
**1946 White**

Pkt. 20c; 3 pkts. 50c; ¼oz. 75c

● **COLLECTION 2985: Pkt. each of 6 colors $1.**

**Giant Imperial Larkspurs.** Plants of giant proportions with heavy spikes of huge florets.

**1930 *Blue Spire.** Double, Oxford-blue.
**1931 *Deep Carmine King Improved.**
**1932 *Exquisite Pink Improved.**
**1933 Gloria Improved.** Rich deep rose.
**1934 Lilac King.** Clear lilac. 4 feet.
**1935 Pink King.** Salmon-rose. 5½ feet.
**1936 *Sweet Lavender.** Lavender-blue.
**1937 *White King.** The finest white.
**1940 Mixed Giant Imperials**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2956: Pkt. each 5 marked * 60c.**

**1960 LATHYRUS, Mixed.** (P) **HARDY SWEET PEA.** For those who are content with less spectacular flowers on plants that survive cold winters without special care, the hardy sweet peas are very satisfactory. The vines form heavy growth and offer quantities of flowers in varied colors during July. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1962 LAVATERA splendens rosea.** (A) **MALLOW.** Large, single, pink flowers cover the broad 2-foot plants over a long period. A very desirable annual.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1964 LAVENDER, Munstead Strain.** (P) Fragrant lavender flowers on thin, 12-inch spikes through July and August.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

Lobelia, Emperor William

**1969 LIATRIS pycnostachya.** (P) **GAY-FEATHER.** Long, feathery spikes of purple flowers 3 to 4 feet high from July to September, when garden color is much needed.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**LILIES FROM SEED.** For a project with much interest and profitable results, experiment with growing lilies from seed. These two varieties will usually reward the grower with flowers the second year. Seed is best started in a separate bed, with additional sand and peat.

**1973 Lilium longiflorum, White Queen. EASTER LILY.**

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**1975 L. regale. THE ROYAL LILY.**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1983 LINARIA, Northern Lights.** (A) **TOADFLAX.** Foot-high spikes of dainty flowers that are like tiny snapdragons. Many bright colors are included in a charming mixture.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1987 LINUM perenne.** (P) **FLAX.** Masses of broad-petaled, wide-open, single flowers, sky-blue in color. Plants are very broad and about 18 inches high, with small leaves and thin, wiry stems.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**LOBELIA.** One of the very best compact dwarf border plants, covered with flowers for weeks. Seed should be sown in flats and transplanted. Height 6 inches.

**1990 Cambridge Blue.** (P) Light sky-blue.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1992 Crystal Palace.** (A) Deep blue flowers and dark foliage.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1993 Emperor William.** (A) Intense gentian-blue. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1991 Lobelia cardinalis.** (P) **CARDINAL FLOWER.** Brilliant scarlet flowers closely set along the upper part of 2 to 4-foot stems. Can be grown in sun or shade, but must be in moist soil.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**LOVE-IN-A-MIST**—see Nigella, page 18.

Larkspur, New Supreme

## LUPINE

Annual lupines should be planted where they are to flower. Perennial types are difficult in some places but well worth trying, because their heavy, richly colored flower stalks have great value in garden design as well as for cutting. Soil should be slightly acid.

**2016 Russell Lupines.** (P) A sensational strain of exceptionally large size, in a most beautiful combination of self-colors and striking combinations. Height varies from 1½ to 5 feet. One of the most outstanding perennial introductions in many years.

Pkt. 25c; 3 pkts. 60c; ¼oz. $1

**Perennial Polyphyllus Lupines.** Five-foot plants with large, dark green leaves and bearing huge flowering stems in June.

**2009 Blue Shades** — **2012 Red Shades**
**2010 Golden Spire** — **2013 White**
**2011 Pink Shades** — **2015 Mixed Hybrids**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2007 Annual King Mixed.** Three-foot plants bearing 6 to 8 huge spikes in many interesting colors.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## MARIGOLDS

(A)

**2025 All-Double Lemon.** Strong, vigorous plants yielding quantities of large, tightly double, globular blooms. 2½ feet.

**2026 All-Double Orange.** An orange version of the above variety.

**2029 All-Double Mixed.**

Pkt. 15c; 3 pkts. 40c; ¼oz. 75c

**2032 Orange Sunset.** A gigantic, 3-foot marigold producing very large, deep orange flowers of varying form over a long period.

**2033 Sunset Giants.** Colorful brilliant yellow and orange flowers on very large plants.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

**2048 Limelight.** A very clear primrose-yellow variety with a suggestion of pale green. Petals are curled and interlaced to form a chrysanthemum-shaped flower 2¾ inches across. Grows 20 inches high.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2036 Pot o'Gold.** A 15-inch beauty bearing large, globular flowers 4 inches across, which are loosely formed and deep orange-gold in color. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Linaria, Northern Lights

# Marigolds

One of the very best annuals for a border or for bedding because of its fine form, brilliant color and very long season of flowering. Botanically the marigolds all come in the genus *Tagetes*.

**The culture of marigolds is very simple, but to insure a long season of bloom the seed should be started inside and transplanted to permanent beds after danger of frost. Where it is inconvenient to start plants indoors, seed may be sown sparingly outside, thinning the seedlings to 1 or 2 feet apart, depending on variety.**

Marigold, Primrose

## Five Famous Marigolds

**2050 Glitters.** In color, page 14. A brilliant new sparkling yellow marigold, shaped like a full-flowered chrysanthemum. Plants 2½ to 4 feet high, with dark green foliage, yield a profusion of strong-stemmed flowers until frost. Flowers are 3 to 4 inches across.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2049 Mammoth Mum.** Very large, chrysanthemum-shaped, lemon-yellow flowers 4 inches or more across on long stems. Plants grow to 3 feet.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2054 Yellowstone.** Glorious, golden yellow, incurved, quilled flowers 3 inches in diameter on 4-foot plants.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2030 Crown of Gold.** Bright golden orange, 2½-inch flowers with short, quilled petals at the center, surrounded by broad flat petals. Foliage is practically odorless. 2½ feet. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2037 Golden Bedder.** Golden orange flowers have an outer row of broad petals surrounding a fully double crest. An early variety only 15 inches high.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## Carnation-Flowered Marigolds

The type most valuable for cutting, and very fine for bedding. Wide, wavy petals are characteristic of the type. Very highly recommended.

**2056 Yellow Supreme.** Long a favorite, and not superseded by new varieties of this type. The flowers are lemon-yellow, beautifully frilled, with long stems. Pkt. 20c; ¼oz. 50c; oz. $1.50

**2057 Guinea Gold.** Deep orange with gold overlay, 3 inches in diameter. Sturdy stems ideal for cutting.
Pkt. 20c; ¼oz. 50c; oz. $1.50

**2059 Primrose.** Large, primrose-yellow flowers 3½ inches across, with petals rolled and waved. An exciting color to use for arrangements under artificial light. 3 feet.
Pkt. 15c; ¼oz. 35c; oz. $1.25

**2060 Frills.** An odorless variety with very frilly, waved petals and beautiful form. The color is golden orange. Flowers 3½ inches across on 2-foot plants.
Pkt. 15c; ¼oz. 35c; oz. $1.25

**2038 Real Gold.** Gorgeous golden orange with a brilliant sheen. Well-grown plants have 4½-inch, very double flowers and are about 2 feet high—an ideal bedding size.
Pkt. 15c; ¼oz. 35c; oz. $1.25

## Four French Dwarf Doubles

**2062 Butterball.** In color, page 14. Flowers are 1½ inches across, bright canary-yellow, with pompon formation of small quilled petals in the center and broader, flattened petals around the outside. 9 inches.

**2066 Scarlet Glow.** A very popular variety having 2-inch, fiery red, compact flowers in profusion on bushy, foot-high plants.

**2067 Spry.** Hundreds of 2-inch flowers with light yellow crests surrounded by contrasting broad petals of deep maroon. 8 inches.

**2078 Yellow Pigmy.** Lovely lemon-yellow, double flowers 1¾ inches across literally cover the 9-inch, compact plants. Ideal for edging a bed or walk.
Pkt. 15c; ¼oz. 50c; oz. $1.50

## Other Dwarf French Doubles

**2070 Celeste Holme.** Scintillating gold to add brightness to borders or for colorful beds. Densely double flowers cover the low, compact plants throughout the summer and fall, and stems are just the right length for dwarf arrangements.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2064 Dwarf Double Harmony Mixture.** Scabiosa-type flowers in colors including orange, yellow and mahogany make these a rich addition to mixed borders. Robust, 12 to 14-inch plants.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2079 Dwarf Double, Mixed.** An excellent mixture of the dwarf French marigolds in varying colors and forms.
Pkt. 15c; ¼oz. 50c; oz. $1.50

## French Marigold Singles

**2083 Flash.** An exciting display of brilliant flowers 1¾ inches across, produced on bushy, 18-inch plants. Flower colors range from vivid red to bronze and yellow. Pkt. 15c; ¼oz. 35c; oz. $1.25

**2085 Naughty Marietta.** Flat, single flowers 2½ inches across of intense golden yellow blotched with maroon at the base of each petal. The 1-foot plants are a lively feature in the annual border. Pkt. 15c; ¼oz. 50c; oz. $1.50

**2086 Red Head.** From a tightly packed mass of tiny, stiff yellow petals edged with maroon, extend broad flat petals, overlapping and graceful, opening mahogany color and then changing to metallic bronze-yellow as the flowers grow older. 15 inches. Pkt. 15c; ¼oz. 50c; oz. $1.50

**2087 Sunny.** Bravo for this very beautiful and vibrant dwarf marigold! Sparkling clear yellow, with flowers 2 inches across. The broad, overlapping petals are attractively wavy at the edges. Plants grow to 15 inches and produce their flowers in abundance. Pkt. 15c; ¼oz. 35c; oz. $1.25

**2739 Signet Marigold.** *Tagetes signata pumila.* A very valuable, compact plant for the annual border. Hundreds of small, single yellow flowers with deep red blotches at petal bases are borne over a long period on broad plants 9 inches tall.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**MARVEL-OF-PERU**—see Four-O-Clock, page 12.

**2097 MATHIOLA bicornis.** (A) **EVENING-SCENTED STOCK.** Spikes of very fragrant, lilac flowers a foot high.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2099 MATRICARIA, Snowball.** (A) **DOUBLE FEVERFEW.** Bushy plants with white flowers in dense clusters, almost covering the plants. 8 inches.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**MECONOPSIS**—See Poppy of Tibet, page 20.

**2102 MESEMBRYANTHEMUM crinifloruum, Mixed.** (A) Spreading plants 3 inches high, with an assortment of gay flowers of daisy form—yellow, pink, rose colored. The leaves and stems are gray-green and succulent. Primarily used as a ground cover in dry, sunny spots.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**MEXICAN FIREBUSH**—see Kochia, page 15.

**MIGNONETTE.** *Reseda odorata.* (A) A much-loved flower featured in colonial and old-world gardens. Small, fragrant florets grow densely in broad, irregular spikes.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2104 Allen's Defiance.** Long-flowering spikes densely massed with creamy florets.
**2106 Red Monarch.** Flower stalks 6 to 8 inches high and 2½ inches in diameter filled with reddish florets ½ inch across.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**MONKSHOOD.** (P) **ACONITUM.** A basic perennial for border composition, succeeding in sun or partial shade. Very hardy and permanent when once established.

**1005 Aconitum Wilsoni.** September and October borders should always feature this monkshood. The deep blue flowers, shaped like Trojan helmets, are borne on tall, 6-foot spikes. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**1006 A. Napellus.** Shorter spikes 3 to 5 feet high, with deep blue flowers in June.
Pkt. 25c; 3 pkts. 50c; 6 pkts. 90c

**MOONFLOWER**—see Ipomoea, page 15.

**MORNING-GLORIES**—see Ipomoea, page 15.

**MYOSOTIS**—see Forget-me-not, page 12.

## Flower Seed Mixtures

**2900 Cut-Flower Mixture.** Over 50 of the most valuable annuals for cutting in a mixed packet. Pkt. 25c; 3 pkts. 60c; oz. $1

**2896 Wild-Flower Mixture.** Seeds of native plants. No garden hybrids.
Pkt. 15c; 3 pkts. 40c; oz. 60c; ¼oz. $2; lb. $7.50

**2898 Rock-Garden Mixture.** Dwarf flowers, annual and perennial, for the rock garden. Mix seed with fine soil, 1 ounce to a pailful, and broadcast freely.
Pkt. 25c; 3 pkts. 60c; oz. $1; ¼lb. $3.50

## NASTURTIUMS (A)

The amateur can be confident of success when he plants a bed of gay nasturtiums. Here is an annual preferring a bright, sunny location but which will do well even in partial shade. The spicy perfume is distinctive and pleasant, the flower form intricate and graceful. The botanical name *Tropaeolum* suggests its shield-shaped leaves.

**Semi-Dwarf or Gleam**

Plants with short runners offering a profusion of double, sweet-scented flowers. A desirable plant for window boxes or for a ground cover.

**2134 Golden Gleam**

**2138 Scarlet Gleam**

**2135 Mahogany Gleam**

**2136 Moon Gleam.** Creamy yellow.

**2137 Orange Gleam.**

**2139 Salmon Gleam**

**2140 Glorious Gleam Mixture**

Pkt. 15c; oz. 40c; ¼lb. $1.25

● **COLLECTION 2959: Pkt. each of 6 colors 75c.**

**Tom Thumb Bedding**

**2144 Large-Flowered Dwarf Single Mixed.**

Pkt. 15c; oz. 40c; ¼lb. $1.25

Nasturtium, Golden Gleam

**Dwarf or Globe Nasturtiums**

Compact plants without runners produce quantities of double, fragrant flowers. 12 inches.

**2125 Golden Globe**
**2126 Mahogany Globe**
**2127 Orange Globe**
**2128 Ruby Globe**
**2129 Scarlet Globe**
**2130 Dwarf Globe Mixture**

Pkt. 15c; oz. 40c; ¼lb. $1.25

● **COLLECTION 2958: Pkt. each of 5 colors 60c.**

**Tall or Climbing Single**

**2145 Large-Flowered Tall Single Mixed.** Plants have long runners 6 to 10 feet long and are ideal for training on a trellis or other support, as well as for growing where they can hang down over the edge of a stone retaining wall.

Pkt. 15c; oz. 40c; ¼lb. $1.25

## PANSIES (B)

**Plants are best grown as biennials—started in summer to bloom the following year.**

**2187 Pastoral Giants, Mixed.** Very large flowers in a wide variety of colors, borne on strong stems well above the foliage.

Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25

**2177 Super Pastoral Giants, Mixed.** A superb strain of fancy pansies that develop vigorous roots enabling plants to withstand heat. Pkt. $1; 3 pkts. $2.75; 6 pkts. $5

**2188 Exhibition Strain.** A large-flowering mixture including finest available varieties in a wide range of colors.

Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2.25

**2192 Mixed Bedding Pansies (Trimardeau).** A very satisfactory and colorful mixture. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2195 Coronation Gold.** The flowers are canary-yellow, flushed orange.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

### Swiss Giant or Roggli's Hybrids

Plants are very robust, with large, heavy-textured flowers on strong stems.

**2190A Lake of Thun.** Rich ultramarine-blue with a darker blue blotch on the petals.
**2190B Cardinal Shades.** Selected reds
**2190C Rheingold.** The most intense yellow, with brown blotches on lower petals.
**2190D Pure White**
**2193 Yellow Master**
**2190 Swiss Giants, Mixed.** Large blooms in many unusual shades. Plants are tolerant of warm weather.

**2197 Mammoth Butterfly.** A superior selection of giant-flowering varieties in a wonderful blend of the choicest colors.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75; ⅛oz. $2.50; ¼oz. $4.50

**2152 NEMESIA, Triumph Hybrids, Mixed.** Small, broadly flaring, tubular flowers in clusters. The brilliant colors include cream, orange, yellow, crimson, rose, scarlet, often with blotches of other colors. Seed should be sown inside in March and transplanted to the open ground in May. Bushy, 8-inch plants.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2155 NEPETA Mussini.** (P) **GROUND IVY.** Spikes of deep violet flowers on spreading plants 1½ feet high, which have soft, furry, gray-green leaves. May to September.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2163 NIEREMBERGIA, Purple Robe.** (A) Compact, mound-shaped plants with fine foliage produce great quantities of deep purple flowers 1¼ inches across for a very long period. Seed should be started very early indoors and transplanted to the border.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**2165 NIGELLA, Miss Jekyll.** (A) **LOVE-IN-A-MIST.** Not a showy annual but easily grown to produce many delicate double flowers snuggled into a mist of finely cut foliage. 2 feet.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**NICOTIANA.** (A) **FLOWERING TOBACCO.** Tall stems of nicotiana with their tubular flowers, so deliciously fragrant in the evening, are indispensable for an annual border. After a long blooming period, second growth frequently produces additional flowers.

**2157 Nicotiana affinis.** Glistening white flowers 3 inches across on stems 2 to 3 feet high.

**2159 N. affinis, Crimson Bedder.** Compact plants 20 inches high.

**2158 N. affinis Hybrids, Mixed.** Pink, red and white flowers in abundance.

**2161 Daylight.** A highly recommended novelty, the sparkling white flowers remaining open all day, even in bright sunshine. Other varieties open after noon in clear weather.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

**2162 Sensation, Mixed.** A wonderful new strain of nicotiana, producing plants 2 to 2½ feet high, well branched and full of flowers averaging many more hours of openness than old varieties. Colors are well blended, including crimson, lavender, chartreuse, rose, pink and white. And, of course, the long flowering season characteristic of nicotiana. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Nicotiana, Sensation Hybrids

Pansies, Pastoral Giants

Nigella, Miss Jekyll

## Four All-Double Petunias

**2233 America.** Plants a foot high are covered with 3½-inch, rose-pink flowers which resemble carnations in general appearance. Pkt. 50c; 3 pkts. $1.25

**2234 Colossal Shades of Rose.** A bed of these huge double petunias will win much applause. Many flowers are 5 inches across, some fringed and some ruffled. Color range encompasses salmon-pink and deep rose. Pkt. $1; 3 pkts. $2.75

**2235 Rose Marie.** A profusion of very double, rose-pink flowers 3 inches across on plants 18 inches tall and very broad. Pkt. $1; 3 pkts. $2.75

**2236 Mrs. Dwight D. Eisenhower.** Flowers are all-double, soft salmon-pink, 2½ inches across and produced on strong, bushy plants 16 inches high. Very beautiful as a cut flower. Pkt. $2; 3 pkts. $5.50

## Giant Single Fringed Petunias

Varieties mostly 15 inches high, with flowers 3 to 4 inches across.

**2203 Glamour.** Single frilled flowers 5 inches across. The color is rosy salmon with a cream throat. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**2206 Theodosia.** Large flowers of soft rose color with a golden throat, boldly veined.

**2207 Violacea.** Velvety violet-blue.

**2208 White Beauty.** Clear, crisp white.

**2215 Single Fringed Mixed, Fluffy Ruffles.** Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2260 Double Fringed Mixed.** A splendid mixture including double, semi-double and a few single flowers—all large and fringed, in a wide range of colors. Pkt. 60c; 3 pkts. $1.60; 6 pkts. $3

## Giant Single Plain Edged

**2219 Elk's Pride.** Dark purple.
**2217 Dwarf Elk's Pride.** More compact.
**2222 White Cloud.** Large, pure white. 10 to 12 inches.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2221 Snowstorm Improved.** A very popular glistening white petunia, substantial in texture. The throat is suffused with yellow. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

## Ruffled Petunias

**2266 Crimson Glory.** Huge crimson flowers 4 to 5 inches across, ruffled and fluted to add a rare charm. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**2261 Copper-Red.** A very unusual metallic red with deeper red throat. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**2262 Dwarf Giants of California.** A very popular mixture of superior, large, ruffled petunias with heavily veined throat. Excellent for bedding. Plants are compact and vigorous. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**2264 Garden Giants, Mixed.** Large plants with 4-inch, ruffled blooms in a wonderful range of color. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

## Single Balcony, Plain Edged

The preferred type of petunia for borders, beds or window boxes where spreading or cascading plant habit is desired. Flowers are 3 inches across.

| | |
|---|---|
| **2277 Blue** | **2280 Rose** |
| **2278 Crimson** | **2281 White** |
| **2279 Purple** | **2282 Mixed** |

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2962: Pkt. each of 5 colors $1.**

Petunia, Dwarf Giants of California

## PETUNIAS

(A)

Six reasons why petunias head the list of flowers for garden design.

- Easy culture
- Perpetual color
- Wide choice of types
- A long flowering season
- Wonderful form and texture
- Freedom from insects and disease

## Pan-American Petunias

**2322 BALLERINA.** The All-America Winner for 1952

An exciting shade of glowing salmon with a fancy outline immediately suggestive of a beautiful ballerina. Flowers are single, 3½ to 4 inches across, with an extended lower lip and fringed edges, adding a glamor possessed by no other variety. Plants a foot high branch close to the ground and produce a profusion of lovely flowers.

The dwarf fringed hybrids are the most important innovation in petunias since the introduction of All-Doubles.

Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

## Pan-American All-Double Varieties

**2243 Caprice.** Shaped like a large powder-puff, Caprice has very frilly edges and bright rose color, light on the under side.

**2244 Nocturne.** Deep, rich velvety purple. A combination of broad outer petals and smaller petals toward the center to lend a distinctive character.

**2245 Minuet.** Soft lavender with rose veination at the base of petals. Flowers are large and well fringed, on vigorous, dwarf plants.

**2246 Sonata.** An exquisite white, slightly greenish in the middle, with center petals that stand up straight, giving flowers a desirable mounded shape.

**2247 Glorious Mixed.** Pan-American strain of dwarf plants with giant fringed flowers in a luscious mixture of well-balanced colors.

All-Double varieties, pkt. $1

## Dwarf Bedding (9 to 12 inches)

**2238 Fire Chief.** The first really red petunia. A thrilling, vibrant color for bold effect. Foot-high plants produce quantities of 3-inch flowers. Agree with us that this is a truly wonderful variety. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2237 Silver Medal.** Popularity holds for this splendid variety recently introduced. Three-inch, single flowers open salmon-cerise with orange undertone and change to rich salmon. Although plants are a foot high, they are usually 18 to 20 inches broad. Pkt. 50c; 3 pkts. $1.25

**2310 Cream Star.** Good-sized, cream white flowers with an inner star of darker cream color. Compact plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2313 Glow.** Quantities of carmine flowers on dwarf, bushy plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2314 Silver Blue.** A rich light blue, freely branching. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2315 Rose of Heaven.** Brilliant rose color that is darker than Rosy Morn.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; ¼oz. $1.25

**2316 Rosy Morn.** Clear rose-pink with a white throat.
Pkt. 15c; 3 pkts. 40c; ⅛oz. 75c; ¼oz. $1.25

**2323 Single Large-flowering Striped and Blotched.** A strain producing single flowers in many lively colors. 12 inches.

**2272 Miniature Mixed Gems.** Globe-shaped plants 6 to 8 inches high are covered with 2-inch flowers having broad pointed petals. Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

## Single Bedding (15 inches

**2287 Pink Sensation.** Three-inch, pink flowers blooming in abundance throughout the season. Plants are 2 feet high and nearly twice as broad. Pkt. 50c; 3 pkts. $1.25

**2294 Blue Bedder.** Rich, royal blue. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2296 Flaming Velvet.** Dark plushy red with a scarlet luster. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2311 English Violet.** Rich violet-blue petunias with color comparable to an English violet, flowering freely on neat, compact plants. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2306 Bedding Mixed.** The best of all bedding type. Excellent mixture of colors.
Pkt. 15c; 3 pkts. 40c; ⅛oz. 50c; ¼oz. 85c

**PINKS**—see Dianthus, page 11.

**QUEEN ANNE'S LACE**—see Didiscus, page 11.

**2358 PHLOX, Globe Mixed.** A new and spectacular phlox from Japan forming compact, globe-shaped mounds 5 to 8 inches high and 8 to 12 inches wide, which are practically covered with flowers. The mixture contains mostly white, dark red, rose and lavender-pink. Pkt. 25c

**Three Giants.** *Phlox Drummondi gigantea*

**2334 Red Glory.** Brilliant red flowers 1½ inches across; cream eye. Height 18 inches.

**2336 Salmon Glory.** Large, white-centered, salmon-pink. 10 inches.

**2333 Art Shades.** Flowers 1½ inches across, in a variety of pastel colors. 9 inches. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Other Tall Varieties.** Fifteen-inch, free-flowering plants offered in individual colors and in a mixture.

| | |
|---|---|
| **2340 Chamois-Rose** | **2343 White** |
| **2341 Scarlet** | **2344 Yellow** |
| **2342 Purple** | **2345 Tall Mixed** |

Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

● **COLLECTION 2963: Pkt. each of 5 colors 85c.**

Phlox Drummondi, Art Shades

Salpiglossis, Tall Mixed

Salvia, Welwyn

## Phlox, continued

**2356 Dwarf Mixed.** *Phlox Drummondi nana compacta.* Many colors in large-flowering, dwarf varieties growing 6 inches high.
Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

**2360 Hardy Phlox, Beltsville Beauty.** (P) Development of a phlox which will flower the following spring from seed sown in the fall is a great achievement. A superb mixture including a wide variety of interesting colors, mostly large-flowering.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2362 PHYSALIS Francheti.** (P) **CHINESE LANTERN PLANT.** Grown for the light orange, decorative seed receptacles like miniature oriental lanterns, which develop from the flowers. The 2-foot plants bloom the first year if sown early.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

# POPPIES

## Annual Varieties

**2374 American Legion.** Large, single, orange-scarlet flowers.

**2375 Sweet Briar.** Fluted petals in double formation make up large, graceful, wild-rose-pink flowers.

**2378 Single Shirley, Mixed.** A beautiful mixture of this favorite annual.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.25

**2379 Double Shirley, Mixed.**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.50

## Perennial Varieties

**ORIENTAL POPPY.** *Papaver orientale.* Seed sown in spring will bloom the following year. Flowers are very large and are at their best in May and June. 4 feet.

**2384 Scarlet** **2390 Mixed**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**ICELAND POPPIES.** *Papaver nudicaule*
The Iceland poppies will bloom the first year if sown early in the spring

**2392 Sanford's Giant Strain, Mixed.** Large flowers in a wide range of bold and pastel shades are borne on long, strong stems a foot high.
Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

**2401 POPPY OF TIBET.** *Meconopsis.* This native of the Himalayas produces sky-blue flowers on 3 to 4-foot plants. Suitable for partial shade. Seeds germinate slowly.
Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**POPPY, CALIFORNIA**—see Eschscholtzia, page 12.

# PORTULACA

(A) For a low, 6-inch ground cover in a sunny location. Fleshy leaves and bright, sparkling, 1-inch, double flowers that open on sunny days.

**2404 Pink** **2406 White**
**2405 Scarlet** **2407 Yellow**
**2410 Double Mixed**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

● **COLLECTION 2983: Pkt. each of 4 colors 75c.**

**2411 Single Portulaca grandiflora, Choice Mixed.** Pkt. 15c; ¼oz. 50c; oz. $1.75.

# PRIMROSES

**2414 Primula elatior, Mixed.** (P) **OXLIP.** Umbels of flowers on 10-inch stems. Colors from white through yellow to wallflower-red. April.
Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**2430 P. obconica gigantea, Mixed.** (A) An improved strain with flowers often measuring 2 inches across. June. Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**2449 P. japonica, Choice Hybrids.** (P) **JAPANESE PRIMROSE.** Flowers are borne in umbels, one above another, and are composed of tiny florets with waved petals varying from crimson through pink to white. 2 feet.
Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

**2452 P. veris, Mixed.** (P) **COWSLIP.** Yellow flowers in April and May.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2453 P. vulgaris.** (P) **ENGLISH PRIMROSE.** Canary-yellow, fragrant flowers on 6-inch stems. June. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2367 PLATYCODON gr.-fl.** (P) **BALLOON FLOWER.** An old favorite with regained popularity because of its adaptability to partial shade. The balloon-shaped buds pop apart into cup-shaped flowers of deep blue. May to October. 2 feet
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**PYRETHRUM.** (P) **PAINTED DAISY.** Daisy-form flowers, on stiff stems with finely cut foliage. June.

**2455 Double Hybrids.** An excellent strain with pink, salmon-scarlet and pure white flowers

**2456 Single Hybrids.** Excellent for cutting
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**SALPIGLOSSIS. PAINTED TONGUE.** Paisley-patterned flowers in colors including brown, gold, purple, scarlet, crimson, yellow and violet streaked by prominent veination.

**2467 Finest Tall Mixed.** The so-called orchid-flowering type. 3 feet.

**2468 Dwarf Giant-flowering Mixed.**
Pkt. 15c; 3 pkts. 40c; ¾oz. 75c

# SALVIA (A) SAGE

Showy annuals or graceful perennials. Seed of annuals must be started early indoors.

**2472 America** or **Globe of Fire.** Bushy plants 24 inches high, with 9-inch scarlet spikes.

**2479 Salvia splendens. SCARLET SAGE.** Bright scarlet, showy flowers. 2½ to 3 feet.

**2474 Bonfire.** Compact, full plants with dark green foliage. Many upright, fiery spikes 2½ feet high.

**2473 Blaze of Fire.** The earliest salvia. Bright red flowers on dwarf, foot-high plants.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2489 S. farinacea.** Many long, thin racemes of dusty blue flowers. Sow directly in the border. 2½ feet. Pkt. 15c; 3 pkts. 40c; ⅛oz. 60c; ¼oz. $1

**2488 Blue Bedder.** Compact plants 3 feet high with quantities of deeper blue flowers.
Pkt. 25c; 3 pkts. 60c; ⅛oz. $1.25; ¼oz. $2

**The Welwyn Salvias.** The unusual colors are always popular. Plants are 3 feet high, yielding great numbers of flowers. Plants should be pinched back when small.

**2480 Pink** **2481 White** **2483 Purple**
**2484 Lavender** **2485 Maroon**
Pkt. 50c; 3 pkts. $1.35

# SCABIOSA PINCUSHION-FLOWER

Recommended for the amateur because culture is very simple and great numbers of beautiful flowers will grow from a few seeds. Plant where they are to flower.

## Tall Varieties

**2489 *Blue Moon.** Large, double, cone-shaped flowers 2¾ inches across; deep lavender-blue.

**2500 Loveliness.** Fragrant flowers in shades of soft rose, on long stems.

**2501 Orchid Shades, Mixed.** Colors from light pink through deep pink to mauve.

**2502 Peach Blossom** **2503 *Rich Red**
**2504 *Rosette.** Rose. **2505 Salmon Beauty**
**2506 *Shasta.** White. **2507 *Yellow**
**2499 *Black Knight** **2513 Tall Mixed**
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

● **COLLECTION 2965: Pkt. each of 6 colors marked * 75c.**

## Semi-Dwarf Varieties

**2514 Heavenly Blue.** Cone-shaped flowers on compact, 1½-foot plants.

**2515 Peace.** Beehive-shaped, double, pure white flowers 1¾ inches across.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## Perennial Varieties

**2520 Giant Hybrids, Mixed.** *Isaac House Strain.* Large flowers on long stems, in shades of blue, purple and white. 3 feet.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2519 Scabiosa caucasica. BLUE BONNET.** A familiar favorite with lilac-blue flowers on 3-foot plants from June to September.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2518 S. caucasica alba.** White variety of the standard perennial scabiosa.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**SCHIZANTHUS.** (A) A fragile flower of irregular form, with notched petals and distinctive blotching. Grown mostly as a greenhouse crop.

**2523 Canadian Super-Giants.** Flowers 2 inches across, in rich and unusual colors
Pkt. $1; 3 pkts. $2.75

**2524 Giant-Flowering Hybrids, Mixed.**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**SHASTA DAISY.** *Chrysanthemum maximum.* (P) Beautiful white daisies useful for greenhouse forcing, for border subjects or for cutting. Available in a variety of forms.

**1538 Alaska.** Five-inch flowers with broad, overlapping petals.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c; oz. $1.50

**1542 G. Marconi Double White).** A new, long-flowering variety with 5-inch daisies. Stems 2½ feet high are not unusual.
Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**SNAPDRAGON**—see Antirrhinum, page 6.

**SNOW-ON-THE-MOUNTAIN**—see Euphorbia, page 12.

**SPIDER-FLOWER**—see Cleome, page 10.

**STATICE.** (A) **SEA-LAVENDER.** Long flower sprays used in dried arrangements.

**2533 Kaempf's Blue.** A dark shade.
**2537 Mixed.** Including blue, rose and yellow
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## SWEET PEAS (A

Seed should be sown as soon as the soil is workable in the spring. A trench should be dug a foot wide and a foot deep and filled with rotted stable manure and soil in equal parts. Seed should be sown ¾ inch deep and 2 inches apart and seedlings thinned to 6 inches. Four-foot support should be provided.

**Outdoor Spencers, Summer-Flowering**
**2593 Affection.** Coral-pink on cream.
**2594 Ambition.** A large, wavy-petaled lavender
**2596 Bonnie Ruffles.** Beautiful duplexed pink.
**2597 Capri.** Finest light blue.
**2599 Chinese Blue.** Large, deep blue self
**2600 Crony.** Robust golden salmon.
**2603 Golden Dragon.** Orange-shaded duplex
**2605 Grandeur.** Long-flowering pink on white.
**2606 Mastercream.** Frilled and duplexed cream
**2608 Model.** Large, wavy-petaled white
**2611 Prolific.** Rose-pink.
**2617 Welcome.** Brilliant scarlet.
Pkt. 15c; oz. 50c; ¼lb. $1.50

● **COLLECTION 2970: Pkt. each of 12 varieties $1.50.**

● **COLLECTION 2968: 10 COLORS. Unnamed varieties in select colors. 10 pkts., each a different color, $1.**

**2635 Grand Prize Mixed.** A splendid blend of summer Spencers. Pkt. 15c; oz. 35c; ¼lb. $1.25

**Cuthbertson Sweet Peas.** Superior for resistance to the heat which has prevented successful growing where high temperatures in early spring burn standard varieties. Flowers are large, long-stemmed, very fragrant and earlier than summer-flowering Spencers. The vigorous vines do well under glass or outside.

**2636 Coline.** Scarlet.
**2637 Danny.** Navy-blue.
**2638 David.** Rose-crimson.
**2639 Evelyn.** Creamy pink, white.
**2640 Frank G.** Lavender
**2642 Hazel.** Light blue
**2643 Janet.** White.
**2645 Kenneth.** Deep crimson.
**2646 Lois.** Rose on
**2647 Liza.** Maroon.
**2648 Marion.** Cream.
**2649 Tommy.** Blue.
**2651 Mixed.**
Pkt. 15c; oz. 50c; ¼lb. $1.50

● **COLLECTION 2969: Pkt. each of 12 varieties $1.50.**

**Greenhouse Spencers.** A winter-flowering type on dwarf vines, grown mostly under glass. Sown outside for very early crops in the North and during the fall for winter flowers in the South.

**2661 Blue Bonnet.** Deep blue.
**2668 Daphne.** Pink on cream
**2686 Early Majestic Rose.**
**2688 Early Mars.** Oxblood.
**2670 Evening Star.** Orange-scarlet.
**2680 Iris Blue.** Deep blue.
**2685 Lavanda.** Lavender.
**2696 Princess Blue.** Turquoise.
**2697 Red Giant.** Crimson.
**2702 Shirley Temple.** Soft rose.
**2706 Tahoe.** Mid-blue.
**2709 Top Hat.** Violet.
**2713 Treasure Island.** Orange.
**2717 Valencia.** Sunproof orange
**2719 White Giant.**
**2720 White Harmony.**
**2722 Winter Flowering, Mixed.**
Pkt. 15c; 3 pkts. 40c; oz. 75c

## STOCKS

Grown as a greenhouse crop or in the annual garden. The showy, fragrant spikes are very valuable for cutting.

**Early Giant Imperial.** A fine branching type flowering quickly and continuing through the summer. 2½ feet.

**2549 Antique Copper**
**2550 Apple Blossom**
**2551 Blood-Red**
**2552 Buttercup**
**2553 Chamois-Rose**
**2554 Dark Blue**
**2555 Deep Rose**
**2556 Elk's Pride.** Purple
**2557 Lavender**
**2558 Shasta.** White
**2564 Mixed**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Columnar Type—Non-Branching.** Developed primarily for greenhouse growing. Large spikes of mostly double flowers. 3 feet.

**2565 American Beauty**
**2566 Ball Blue**
**2567 Ball Supreme Rose**
**2568 Chamois-Rose**
**2569 Deep Rose**
**2570 Gardenia.** White
**2571 Lilac.** Lavender
**2572 Purple**
**2573 Pure White**
**2574 Ruby**
**2575 Silvery Lilac**
**2576 Yellow Wonder**
**2577 Apricot**
**2582 Mixed.**
Pkt. 50c; 3 pkts. $1.25; 6 pkts. $2

**Giants of California.** Ideal greenhouse stocks with large florets on long spikes. 70% double.

**2583 Santa Maria.** White. **2584 Mixed.**
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2563 Colossal Ten Weeks, Mixed.** The best open-ground type. Long spikes of double, fragrant flowers 2½ feet high in blue, yellow, white, crimson and pink. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2590 ALPINE STRAWBERRY, Baron Solemacher.** Delicious red berries 12 weeks after seed is sown in February or March. A moist, shady spot is ideal. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**STRAWFLOWER**—see Helichrysum, page 15.

## SUNFLOWER (A) HELIANTHUS

**1851 Sungold.** Improved double, cushion-like flower heads 4 to 5 inches across. 5 feet.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1849 Cut-and-Come-Again.** Single yellow flowers with maroon centers, 3 to 4 inches across, on plants 3 to 4 feet high. Early flowering.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**1840 Gigantic Russian.** Enormous 9-foot sunflowers. Oz. 15c; ¼lb. 30c; lb. $1

**1852 Red and Gold (Gaillardia Flowered).** Plants 7 to 9 feet high with 4 to 5-inch flowers golden yellow mostly with a red zone.
Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## SWEET WILLIAM (B)
### Dianthus Barbatus

Small flowers in dense rounded heads on stiff stems. Plants are ideal for bedding or in the border large grained. Seed must be sown in spring to bloom the following year.

**Tall Single Varieties** (To 1½ feet)
**2723 White**
**2724 Dark Crimson**
**2730 Newport Pink**
**2731 Scarlet Beauty**
**2729 Holborn Glory.** White eyed.
**2727 Mixed**
Pkt. 15c; 3 pkts. 40c; ¼oz. 60c

**2728 Tall Double, Mixed.**
Pkt. 20c; 3 pkts. 50c; ¾oz. 75c

**Dwarf Mixed Varieties** (To 9 inches)
**2735 Single** **2736 Double**
Pkt. 15c; 3 pkts. 40c; ¼oz. $1

**2737 Annual Sweet William, Mixed.** Freely flowering the first year from seed started indoors in March. 9 in. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**THRIFT**—see Armeria, page 6.

**2749 TITHONIA, Torch.** A sensational tower-growing tithonia flowering profusely from August to frost on husky plants. Intense orange-red.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**TOADFLAX**—see Linaria, page 16

**TOBACCO, Flowering**—see Nicotiana, page 18

**2750 TORENIA Fournieri.** (A) **WISHBONE-FLOWER.** Quantities of sky-blue, single flowers with broad yellow petals and yellow centers on compact plants. 12 inches.
Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2751 TRITOMA, Mixed Hybrids.** (P) **RED-HOT POKER.** A brilliant bulbous plant that can be grown from seed. Winter protection is required.
Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

Insert: Shasta Daisy, G. Marconi

Sweet Pea, Cuthbertson, Janet

## VERBENA

A very choice annual or perennial for borders, for bedding or for cutting. Plants grow in a dense, somewhat sprawling manner. Wide-open flowers are borne in a profusion of tight clusters for many weeks.

### Standard Types

**2763 Annapolis Blue.** A superb mixture of blues with 3-inch clusters of flowers on foot-high stems.

**2764 Beauty of Oxford Hybrids, Mixed.** Enormous flowers, rose-pink to rose-red.

**2765 Crimson Glow.** Fine crimson

**2766 *Etna.** Vivid scarlet with yellow eye.

**2768 *Lavender Glory.** Lavender to light lavender with cream center.

**2769 *Royale.** Royal blue, primrose eye.

**2770 *Salmon-Pink.**

**2771 Spectrum Red.** Dazzling color.

**2772 *White King.** Sparkling white.

**2773 Mixed.**

Pkt. 25c; 3 pkts. 60c

● **COLLECTION 2971: Pkt. each 5 marked * $1.**

### Bush Type

Varieties in this group make a uniform border of 10-inch, flat-topped plants over a foot across and bear mammoth flower heads.

**2778 Firelight.** Scarlet.

**2774 Salmon Queen.**

**2777A Roselight.** Rose.

**2780 Snow-White.**

**2775 Starlight.** Intense blue, cream eye.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2776 Miniature, Mixed.** (A) Tiny plants 9 inches high, blooming continuously in a wide range of colors.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2779 Verbena venosa.** (P) A prize perennial because of its very long blooming season. Plants are a foot high and spreading, producing great masses of purple flowers all through the summer and fall.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

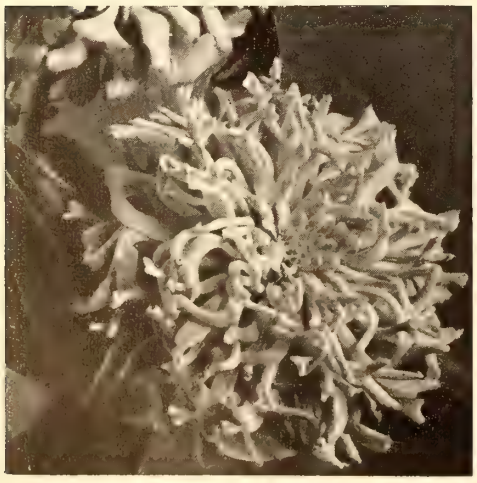
**2781 VERONICA spicata.** (P) **SPEEDWELL.** A valuable border plant bearing spikes of blue flowers on 2-foot plants from July to September.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**VINCA rosea.** (A) **PERIWINKLE.** Another annual than will tolerate partial shade. Produces single flowers in abundance for many weeks. Seeds should be sown inside during March for flowers from July on.

**2783 Pure White** **2874 Rose**
**2785 White, Rose Eye** **2788 Mixed**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c



Zinnia, Fantasy

## VIOLA (P)

### Small-Flowering

Small-flowered pansies with a long, profuse blooming period.

**2789 Blue Gem (Jersey Gem).** Violet-blue. About 70% come true. 4 inches high.

**2790 Viola lutea splendens.** Yellow.

**2791 White Perfection.**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2800 V. tricolor, Mixed.** (P) **JOHNNY JUMP-UPS.** Tiny pansies not much larger than violets, with alert, elfish expressions.

Pkt. 20c; 3 pkts. 50c; 6 pkts. 90c

**2802 V. odorata, The Czar.** (P) **SWEET VIOLET.** Deep violet, large and fragrant.

Pkt. 35c; 3 pkts. 90c; 6 pkts. $1.75

### Large-Flowering

**2793 Arkwright Ruby.** Terra-cotta on crimson. Fragrant.

**2795 Blue Perfection.** Plants almost hidden by medium, clear blue flowers.

**2796 Chantreyland.** Beautiful apricot.

**2797 Papilio.** Fine blue and white.

**2801 Finest Mixed.**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**2803 VIRGINIA STOCK, Mixed.** *Malcomia maritima.* (A) Plants a foot high, with loose spikes of single flowers in fresh colors.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

## WALLFLOWER (P)

### Cheiranthus Cheiri

Small, stock-like flower spikes, yellow, orange or mahogany in color. Plants are best started in early fall and carried over winter in coldframes for early spring flowering.

**2812 Large-flowered Single Mixed.**

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2811 Large-Flowered Double Mixed.**

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1

**WALLFLOWER, SIBERIAN**—see Cheiranthus, page 10.

## ZINNIAS

The most colorful of all annuals, available in giant or tiny edging varieties, in intense dazzling shades or soft pastels. The season of bloom is fairly long and stems are adequate for cutting. Seed may be sown in the open or started indoors.

**Giant Double Dahlia-Flowered.** In color, page 24.

Mammoth flowers average 6 inches across by 3 or 4 inches in depth, similar in shape to the decorative dahlia. 3 feet.

**2814 *Canary Bird.** Clear yellow.

**2815 Crimson Monarch.** Crimson.

**2817 *Dream.** Deep lavender-blue.

**2818 Eldorado.** Salmon-apricot.

**2819 Golden Century.** Golden orange and salmon.

**2820 *Exquisite.** Light rose.

**2821 Golden Dawn.** Golden yellow.

**2823 *Oriole.** Orange and gold.

**2824 *Polar Bear.** Large, pure white.

**2826 Royal Purple.** Rich regal purple.

**2828 *Will Rogers.** Bright scarlet.

Pkt. 15c; 3 pkts. 40c; ¼oz. 60c; oz. $2

**2829 Mixed.** Pkt. 15c; ¼oz. 50c; oz. $1.50

● **COLLECTION 2972: Pkt. each of 6 marked * 60c.**

1952

**2893 Zinnia, Persian Carpet.** In color, page 3. Flowers silver-dollar size are like tiny dahlias, with pointed petals often tipped yellow and in greatly varied color combinations, including rich browns, purples, oranges and hennas so familiar in Persian carpets. Plants form 12 to 15-inch mounds with dozens of flowers. Ideal for foreground planting and for cutting.

Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Mammoth California Giants.** Plants grow 3 feet, and the double flat blooms often average 6 inches in diameter.

**2837 Brightness.** Bright pink.

**2838 Cherry Queen.** Cherry-rose.

**2839 Enchantress.** Rose, deeper center.

**2841 Golden Queen.** Lemon-orange.

**2842 *Miss Willmott.** Soft pink.

**2843 *Orange Queen.** Golden orange.

**2845 Orange King.** Burnt-orange.

**2846 *Purity.** Pure white.

**2847 *Rose Queen.** Bright rose.

**2849 Salmon Queen.** Salmon-apricot.

**2850 *Scarlet Gem.**

**2851 *Violet Queen.**

Pkt. 15c; 3 pkts. 40c; ¼oz. 50c; oz. $1.50

**2854 Mixed.** Pkt. 15c; ¼oz. 35c; oz. $1.25

● **COLLECTION 2873: Pkt. each of 6 marked * 75c.**

**2835 Burpee Hybrid Zinnia.** The loveliest zinnia in the world and of enormous size—larger even than the Dahlia-flowered type. Flowers are ruffled with graceful, curved petals like those of a giant chrysanthemum, in a thrilling mixture of clear and blended colors. Pkt. 25c; 3 pkts. 60c; 6 pkts. $1.10

**Fantasy Zinnias.** The lovely 3-inch blooms are shaggy, waved and frilled. Height 33 inches.

**2868 Wildfire.** Scarlet. **2865 Orange Lady.**

**2869 White Light.** **2866 Rosalie.** Rose.

**2867 Stardust.** Gold.

Pkt. 20c; ¼oz. 60c; oz. $2

● **COLLECTION 2974: Pkt. each of 5 colors 75c.**

**2874 Fantasy, Mixed.**

Pkt. 15c; ¼oz. 50c; oz. $1.50

**Dwarf Double.** Intermediate-sized, dahlia-type flowers on dwarf plants 18 inches high.

**2855 Canary-Yellow** **2859 Scarlet**
**2857 Golden Orange** **2861 White**
**2856 Crimson** **2862 Pinkie**
**2858 Salmon-Rose** **2864 Mixed**
**2860 Spun Gold**

Pkt. 15c; ¼oz. 35c; oz. $1.25

**Midget or Gem Zinnias.** Flowers are small, compact and symmetrical, on strong-stemmed plants to 2 feet high.

**2875 *Canary Gem** **2880 *Salmon Gem**
**2876 *Crimson Gem** **2881 *Scarlet Gem**
**2877 *Golden Gem** **2883 White Gem**
**2879 *Pink Gem** **2886 Gem Mixed**

Pkt. 15c; 3 pkts. 40c; ¼oz. 50c; oz. $1.50

● **COLLECTION 2975: Pkt. each of 6 marked * 75c.**

**2888 Black Ruby.** Has 1¼-inch blooms on long stems; color is a deep, velvety maroon. Very striking. 15 to 18 inches.

Pkt. 15c; ¼oz. 50c; oz. $1.50

**2889 Lilliput Pastel Shades.** Little ball-shaped blooms. Apricot, peach, cream, shell-pink, salmon, rose and orchid. 1 foot.

Pkt. 15c; ¼oz. 50c; oz. $1.50

**2887 Cupid Zinnias, Mixed.** Compact plants, less than 1 foot high, covered with tiny, button-like flowers. Excellent for edges.

Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

**2830 Zinnia linearis.** Growing 10 inches high and spreading 2 feet, the plants are covered with medium-sized, single, daisy-like, golden orange flowers six weeks after sowing. Pkt. 15c; 3 pkts. 40c; 6 pkts. 75c

Zinnia, Midget

**TRIO OF MAGNIFICENT LATE-BRANCHING ASTERS** in favorite colors. Other colors, page 7.

**1251 Pure White** **1250 Purple** **1256 Shell-Pink**

Pkt. 15c; ¼oz. 60c; oz. $2

| Illustrated: | |
|---|---|
| 1205 | 1201 |
| 1251 | 1202 |
| 1250 | 1256 |

**THREE SUPERB CREGO ASTERS** in the most popular colors. Other varieties, page 7.

**1205 Deep Rose** **1201 Azure-Blue** **1202 Crimson**

Pkt. 15c; ¼oz. 60c; oz. $2

**• COLLECTION 2992: Pkt. each of 6 Asters shown in color 75c**

# *Giant Dahlia-Flowered*
# Zinnias

**2817 Dream (A)**

**2820 Exquisite (B)**

**2824 Polar Bear (C)**

**2823 Oriole (D)**

**2814 Canary Bird (E)**

**2828 Will Rogers (F)**

Pkt. 15c

3 pkts. 40c

¼oz. 60c

oz. $2.

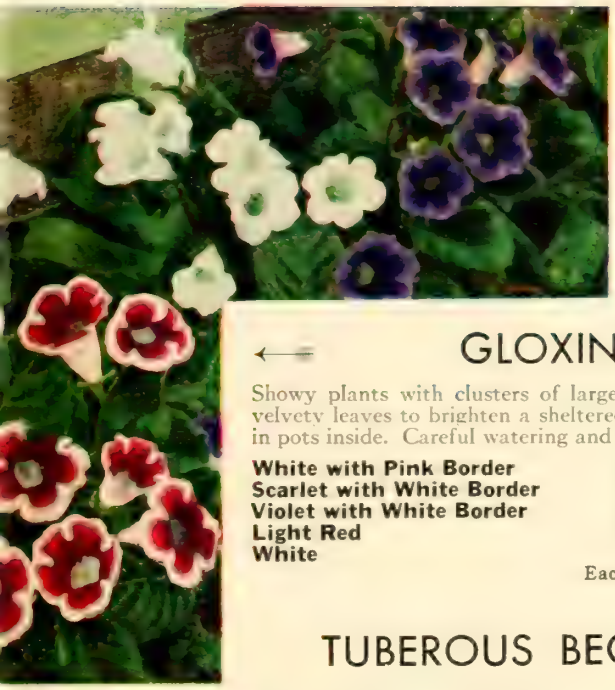
*Additional Varieties see page 22*

**• COLLECTION 2972**

1 pkt. each of the six varieties shown in color.

**60c**

# Rich Color for a Shady Place



## GLOXINIAS

Showy plants with clusters of large, tubular flowers and rich, velvety leaves to brighten a sheltered place outdoors or to grow in pots inside. Careful watering and good drainage are essential.

**White with Pink Border**
**Scarlet with White Border**
**Violet with White Border**
**Light Red**
**White**
**Purple-Blue**
**Crimson**
**Spotted—Various Colors**
**Choice Mixed**

Each 45c; 10 for $4; 25 for $8.75

## TUBEROUS BEGONIAS

For a shady spot in the garden or a window box in a north window, no flower will afford a better show during the summer. Tubers should be placed in moist peat moss and kept warm until growth starts. Early in the spring, the tubers must be set in pots to grow until the weather is warm enough outside. After mid-May, started tubers may be set 8 inches apart in the garden. An ideal soil is composed of equal parts of garden loam, leaf mold and rotted manure, with a little bonemeal. Watering should be thorough and frequent. An occasional syringing with a fine mist is beneficial. Tubers are lifted in fall and stored in dry sand over winter.

**Single and Ruffled.** (1) An intriguing flower form and large single flowers. Try any one, or a combination of the following colors:

**Apricot Pink Crimson White Yellow Mixed**

Each 35c; 10 for $3; 25 for $7; 100 for $25

**Carnation-Flowered.** (2) Beautiful semi-double flowers like small carnations, in colors similar to the single and ruffled varieties, available in mixed colors only.

Each 35c; 10 for $3; 25 for $7

**Camellia-Flowered.** (3) Blooming for a long period and filling a bed with large double flowers, this type of begonia will make a show you can justly be very proud of. We offer a fine selection of bulbs in beautiful colors:

**Apricot**
**Scarlet**
**Pink**
**White**
**Yellow**
**Crimson**
**Mixed**

Each 35c; 10 for $3; 25 for $7; 100 for $25.

**• COLLECTION**

OUR SELECTION OF 5 BULBS IN 5 COLORS **$1.50**

**1. Single Frilled**
**2. Carnation**
**3. Camellia-Flowered**

# Bulbs that lend an Exotic Note

## REGAL LILY

1st Size, Each 30c; 10 for $2.50; 25 for $4.75.

Mammoth Size, Each 35c; 10 for $3.00; 25 for $6.50.

Jumbo, Each 40c; 10 for $3.75; 25 for $8.50.

Monster, Each 60c; 10 for $5.50; 25 for $11.75.

## RUBRUM LILY

A welcome addition to any garden, flowering in late summer on 4 to 5-foot stems.

Each 50c; 10 for $4.50; 25 for $10.50.

## TIGRIDIA or SHELLFLOWER

Flowers are delicate and unusual, in a wide range of colors. Bulbs are grown outside in a sunny location. Store the bulbs over winter where weather is severe.

10 for 85c; 25 for $2; 100 for $7.50

## *The New Book of Lilies*

By Jan de Graaff **$3.50**

An important new book for lily fanciers—with origin and culture for more than 200 varieties. The author, internationally renowned as an authority on lilies, includes fascinating material on their uses in garden design and lily troubles—also chapters on How Lilies Multiply and How New Kinds are Made.

## ISMENE calathina

Peruvian Daffodil

Huge, fragrant flowers on plants useful for accent in a border planting. Bulbs must be lifted and stored like tuberous begonias during the winter.

Each 35c; 10 for $3; 25 for $7

## FANCY-LEAVED CALADIUMS

Exotic plants for terraces with plenty of light or for bedding subjects in partial shade. Offered in a mixture of fine colors.

Each 35c; 10 for $3; 25 for $7.

*Red Barn Collection of Gorgeous Dahlias*

ONE EACH OF FIVE VARIETIES $4.50

SEE PAGE 30

*"Red Barn" Gladiolus Collection*

See description on opposite page

# GLADIOLUS

Few garden flowers can be grown as easily and produce such a satisfactory display of color in a short period

Culture is simple even for an amateur. A sunny location is essential to success. Plant 4 inches deep and 4 to 6 inches apart. In the cutting garden, double rows are very satisfactory. By planting in succession, there will be a long season of bloom. Corms for September flowering are available until July 15, the latest date for planting in this area. A period of 10 to 13 weeks is required from planting until flowering.

**Abu Hassan.** The best dark blue.
$1.40 for 10; $2.80 for 25; $10.50 for 100

**Beauty's Blush.** Pure vivid pink with seven or eight florets 5 inches across open at once. Resistant to disease and high temperature.
$1.20 for 10; $2.65 for 25; $9 per 100

**Benjamin Britten.** A beautiful lavender-purple, in long double-rowed spikes.
$2.65 for 10; $5.65 for 25; $18.75 per 100

**Better Times.** The bluest gladiolus, with a deeper violet blotch, edged white
$1.20 for 10; $2.65 for 25; $9 per 100

**Blue Beauty.** Beautiful light blue variety with violet-tipped petals.
75c for 10; $1.65 for 25; $6 per 100

**Boulogne.** Bright American Beauty rose color. Vigorous spikes.
95c for 10; $2.10 for 25; $7.25 per 100

**Buckeye Bronze.** An outstanding ruffled bronze with orange shading. Six to eight flowers open on a strong spike. 75c for 10; $1.65 for 25; $6 per 100

**Burma.** Stalks are superb when ten florets of deep rose with lighter throat are open.
$1 for 10; $2.20 for 25; $7.50 per 100

**Chamouny.** Cerise with silvery edges.
75c for 10; $1.65 for 25; $6 per 100

**Cherry Jam.** Salmon-pink with deep cherry blotch on lower petals. To eight open florets.
$1.40 for 10; $2.80 for 25; $10.50 per 100

**Convoy.** Clear rose-purple with darker throat. Large, well-placed florets.
$1 for 10; $2.20 for 25; $7.50 per 100

**Cover Girl.** Tall medium-pink on 30-inch spikes with ten to twelve flowers.
$1.20 for 10; $2.65 for 25; $9 per 100

**Daisy Mae.** A tall deep salmon with a cherry-colored blotch A husky variety.
90c for 10; $1.95 for 25; $6.75 per 100

**Dieppe.** Brilliant salmon-scarlet with conspicuous blotch and frilled petals.
$1.15 for 10; $2.35 for 25; $8.50 per 100

**Elizabeth the Queen.** Exquisite ruffled pinkish lavender flowers with darker lines at the throat.
75c for 10; $1.65 for 25; $6 per 100

**Evangeline.** A beautiful light rose with a creamy throat. Very popular.
$2.65 for 10; $5.65 for 25; $18.75 per 100

**Firebrand.** Tall, straight spikes of medium red flowers with darker throats.
$1.40 for 10; $2.80 for 25; $10.50 per 100

**Florence Nightingale.** Tall white with huge ruffled flowers. One of the best whites
$1.40 for 10; $2.80 for 25; $10.50 per 100

**Friendship.** A very early variety producing strong slender stalks of ruffled pink flowers. One of the very best pinks.
$2.65 for 10; $5.65 for 25; $18.75 per 100

**Gene.** A tall, heavily ruffled light yellow. Superior in its color class.
$2.45 for 10; $5.25 for 25; $17.50 per 100

**General Eisenhower.** Very large, begonia-rose flowers on long spikes. A gladiolus rapidly becoming one of the most popular
75c for 10; $1.65 for 25; $6 per 100

**Hopman's Glory.** A tall glowing pure yellow self color ideal for home or market.
$1 for 10; $2.20 for 25; $7.50 per 100

**Kestral.** A very tall, distinctive, large-flowered orange-salmon with creamy throat. Eight to ten flowers open at a time.
$1.20 for 10; $2.65 for 25; $9 per 100

**King Lear.** Large ruffled flowers of deep wine-purple, edged with silver.
75c for 10; $1.65 for 25; $6 per 100

**Lavender Prince.** An excellent, vigorous lavender, very valuable for cutting.
75c for 10; $1.65 for 25; $6 per 100

**Leading Lady.** Eight open florets are not unusual for this giant creamy white exhibition variety.
$1 for 10; $2.20 for 25; $7.50 per 100

**Leeuwenhorst.** Very large, light rose-pink blooms, developing early. Exceptionally strong.
90c for 10; $1.95 for 25; $6.75 per 100

**Mansoer.** An enormous gladiolus with blood-red flowers and brilliant scarlet throat. Eight to ten open florets. 75c for 10; $1.65 for 25; $6 per 100

**Margaret Beaton.** An enormous gladiolus with clear white flowers and brilliant scarlet throat. Eight to ten florets are open at once.
75c for 10; $1.65 for 25; $6 per 100

**Morning Kiss.** Tall stems with eight to ten huge, pure white open flowers distinguish this as an exhibition variety.
$1.20 for 10; $2.65 for 25; $9 per 100

**Orange Gold.** A very superior deep orange on strong, slender stems.
75c for 10; $1.65 for 25; $6 per 100

**Oregon Gold.** Heavily ruffled, light yellow flowers on long stems. 75c for 10; $1.65 for 25; $6 per 100

**Pandora.** Soft geranium-pink with cherry-colored feathering in the throat. To eight open flowers on tall stems. 75c for 10; $1.65 for 25; $6 per 100

**Picardy.** For years a favorite florists' variety and considered by many the best pink. The flowers are shrimp-pink, somewhat ruffled and of waxy substance. 75c for 10; $1.65 for 25; $6 per 100

**Pink Radiance.** Many huge, light pink blooms open at a time on each stalk. One of the best pinks.
75c for 10; $1.65 for 25; $6 per 100

**Ravel.** An exceptionally fine large new violet-blue marked with reddish brown.
$1.15 for 10; $2.35 for 25; $8.50 per 100

**Red Charm.** Large crimson flowers in magnificent spikes. 75c for 10; $1.65 for 25; $6 per 100

**Rosa van Lima.** A beautiful light pink self-color with strong stems.
75c for 10; $1.65 for 25; $6 per 100

**Salmon's Glory.** A large, creamy white with a conspicuous red blotch edged yellow.
$1 for 10; $2.20 for 25; $7.50 per 100

**Snow Princess.** A popular large white variety with a light cream throat.
75c for 10; $1.65 for 25; $6 per 100

**Spic and Span.** Very large, ruffled deep pink flowers on long, superb stalks.
$1.80 for 10; $3.95 for 25; $13.50 per 100

**Spotlight.** Brilliant clear yellow, wavy-edged flowers with a fiery scarlet blotch in the center. Borne on tall spikes.
75c for 10; $1.65 for 25; $6 per 100

**Tivoli.** Lovely soft rose and one of the best in its color class $1.20 for 10; $2.65 for 25; $9 per 100

**Valeria.** A beautiful light red with many open flowers at a time. 75c for 10; $1.65 for 25; $6 per 100

**American Hybrids Mixed.** A colorful mixture of fine varieties ideal for the cutting garden.
70c for 10; $1.65 for 25; $6 per 100

## RED BARN COLLECTION of NINE SUPERB GLADIOLUS

In color on opposite page

1. **Elizabeth the Queen**
2. **Snow Princess**
3. **Rosa van Lima**
4. **Pink Radiance**
5. **Spotlight**
6. **King Lear**
7. **Leewuenhorst**
8. **Red Charm**
9. **Margaret Beaton**

**45—5 each of 9 varieties in color $3.**
**90—10 each of 9 varieties in color $5.50**
**125—25 each of 9 varieties in color $11.75**

## CARNIVAL MIXTURE

**Medium-Sized Bulbs**

A mixture made up of 100 new and well-known varieties. Color range includes white, buff, orange, scarlet, crimson, maroon, salmon, rose and apricot. Some with 2, 3 or 4 colors. Corms are not individually labeled but are offered at a very special price $1.50 for 50; $2.50 per 100

## MINIATURE GLADIOLUS

Dainty spikes valuable for smaller arrangements.

| | 10 | 25 | 100 |
|---|---|---|---|
| **Allard Pierson.** Red | $1 60 | $3 50 | $12 00 |
| **Cupid.** White | 2 80 | 6 25 | 21 00 |
| **Gayway.** Orange | 1 20 | 2 65 | 9 00 |
| **Red Charm.** Pink | 1 80 | 3 95 | 13 50 |
| **Wedgwood.** Lavender | 2 40 | 5 25 | 18 00 |

DAHLIA,
Arthur Godfrey

# Bulbs and Roots

## Garden Full of Dahlias

### Collection of Giant Double Varieties

*List Value $13* **COLLECTION PRICE $5**

**All named varieties clearly tagged**

Special purchase enables us to offer several varieties of giant double dahlias in an excellent range of color and form at a great saving. Just think of getting all the following wonderful varieties at such a price! Commando, Dr. Kenneth Taylor, Florist's Beauty, Gaylord Ballay, Jersey's Beauty, John A. Kernochan, Mrs. R. G. Atkinson, Ogden Reid, Sherwood's Peach, Watchung Giant, White Beauty, and Yellow Queen. A bargain with our special recommendation.

## Collection of Mixed Exhibition Dahlias

### ALL GIANT DOUBLES

Our selection of first-rate varieties in an excellent range of colors—all giant double varieties, including at least one from the dollar price group and at least one two-color novelty not yet on the market.

**Assortment of Six Unnamed Exhibition Dahlias**
*Minimum List Value $3.50* **COLLECTION PRICE $2.75**

**Assortment of Twelve Unnamed Exhibition Dahlias**
*Minimum List Value $7* **COLLECTION PRICE $4**

## DAHLIAS IN THE GIANT DOUBLE CLASSES

### FORMAL DECORATIVE

**Broad petals with pointed or rounded tips, outer ones tending to cup.**

**Arthur Godfrey.** Introduced in 1951. Flowers 12 inches across on 4-foot plants. A beautiful oriental red with orange or buff shading. One of the largest formal decoratives grown and winner of many awards. Very vigorous. **$10 each**

**Bob White.** Huge, pure white flowers with full, deep petal formation, borne freely on long stems. **60c each; $1.50 for 3**

**Class.** One of the largest yellows. The petals recurve toward the stalk when fully developed. **60c each; $1.50 for 3**

**Commando.** Enormous, 10 to 14-inch flowers of clear phlox-purple on long, stiff stems. **60c each; $1.50 for 3**

**Deep Velvet.** Very large, rich carmine flowers with a velvety sheen. Long, strong stems and dark green foliage. **$3 each; $8.50 for 3**

**Florist's Beauty.** A showy bicolor of amaranth-purple with pointed, white-tipped petals and long stems. **$1.50 each; $4.25 for 3**

**Islip Purity.** Pure white flowers of outstanding value for the florist trade or home garden. The blooms are 6 to 7 inches in diameter and 2 to 5 inches deep, possessing excellent keeping qualities. Plants are vigorous and prolific. **$2.50 each; $7 for 3**

**Jersey's Beauty.** An old favorite and one of the finest true pinks in this class yet introduced. **60c each; $1.50 for 3**

**John A. Kernochan.** Distinctive garnet-red with white petal tips and long stems. **$1.50 each; $4.25 for 3**

**Lavender Queen.** The clear lavender, free-blooming flowers are superb for cutting. **60c each; $1.50 for 3**

**Leah Pearl.** Creamy yellow center with outer petals suffused delicate pink. 5½ feet tall. **$1.50 each; $4.25 for 3**

**Marie.** A prolific bright pink especially suitable for cutting. **60c each; $1.50 for 3**

**Ogden Reid.** Midway between rose and salmon, blended with primrose-yellow, the center shading to deeper rose. Flowers are 12½ inches or more across and 6½ inches deep. Three-foot plants have heavy, thick foliage. **$1.75 each; $5 for 3**

**Pink Regalia.** A free-blooming, lively pink variety with blooms 7 to 9 inches in diameter on long stems. A particularly good choice for cut flowers. **$1 each; $2.75 for 3**

**Vin Well Paragon.** An unusual dahlia with delicate cameo-pink flowers, amber-yellow at the petal bases. Long stems. **$1 each; $2.75 for 3**

**White Beauty.** Large-flowering pure white with beautiful form and substance. **60c each; $1.50 for 3**

## RED BARN COLLECTION OF DAHLIAS

### FIVE MAGNIFICENT GIANTS

See color, page 27

**1. Leah Pearl 3. Jersey's Dainty**
**2. Yellow Queen 4. Dr. Kenneth Taylor**
**5. Centurian**

*List Price $5.85* **COLLECTION Price $4.50**

### INFORMAL DECORATIVE

**Petals long, twisted and pointed.**

**Blue Bird.** Large flowers of beautiful form and interesting color, closest to blue of any dahlia. **60c each; $1.50 for 3**

**California Idol.** Immense, dazzling yellow flowers on vigorous plants. **$1.25 each; $3.50 for 3**

**Centurian.** A large orange-scarlet, gold on under side. An abundance of 7-inch flowers over a long period. **$1.50 each; $4.25 for 3**

**Dr. Kenneth Taylor.** Highly recommended in dahlias of this class. Flowers are scarlet-red with a bronze sheen and measure 8 to 9 inches in diameter. **$1.50 each; $4.25 for 3**

**Freida Gaylord.** Massive, rose-pink flowers with light gold shading. **$2.50 each; $7 for 3**

**Gaylord Ballay.** Enormous, white flowers even without intensive forcing. **$1.25 each; $3.50 for 3**

**General Pershing.** Very large flowers of blended coral and red with yellow suffusion. **$2 each; $5.50 for 3**

**Jane Cowl.** A best-seller for many years. Flowers are huge, bronze-buff and old-gold deepening at the center. **60c each; $1.50 for 3**

**Mrs. R. G. Atkinson.** Very large, clear lemon-yellow flowers on long, stiff stems. **$1 each; $2.75 for 3**

**Mrs. Hester A. Pape.** Easily forced to prize-winning, 14-inch size, this red-purple variety should be featured in all dahlia gardens. **$1.50 each; $4.25 for 3**

**Red Champion.** Giant, carmine-red blooms 11 to 15 inches or more across. **60c each; $1.50 for 3**

**Sherwood's Peach.** Unusually large, orange-apricot flowers on strong, stiff stems. **$1.25 each; $3.50 for 3**

**Sunburst.** Golden yellow with light apricot suffusion. The flowers are very large and deep, on long, strong stems.
$2.50 each; $7 for 3

**Tuxedo.** Fiery red with orange at the petal tips, silvery on the under side. The large flowers to 12 inches across and 6 inches deep are borne on strong stems and are good keepers. $1.50 each; $4.25 for 3

**Watchung Giant.** The well-established popularity of this deep amber-yellow variety with orange-cadmium suffusion is well deserved. 60c each; $1.50 for 3

**Whiz Kid.** A 1951 introduction with huge flowers 12 inches across and 8 inches deep, borne on 5-foot plants. The color is best described as buff, shaded coral-pink. Petals are broad and wavy. $10 each

**Yellow Queen.** Clear radiant yellow of excellent form. 60c each; $1.50 for 3

## CACTUS

**Petals rolled for half their length or more—recurved or straight.**

**Jersey Dainty.** A beautiful white with interesting petal formation and excellent stems. 75c each; $2 for 3

**Marie Messa.** Delicate light pink flowers with pale centers, borne in profusion on long stems. $1.25 each; $3.50 for 3

## SEMI-CACTUS

**Petals rolled less than half their length.**

**Atomic Yellow.** Bright yellow blooms 10 to 12 inches across and over 6 inches in depth. Highly recommended. $2.50 each; $7 for 3

**Brioso.** Brilliant red with white-tipped petals. An import from Holland.
$1.25 each; $3.50 for 3

**Irene Dunne.** A prolific phlox-pink and mauve variety with especially good stems.
$1.25 each; $3.50 for 3

**Jane Lausche.** One of the finest bicolors with mauve coloring and white-tipped petals. Early and free blooming.
$1.75 each; $5 for 3

**New Look.** A much-honored yellow dahlia with 10 to 12-inch flowers on long stems. Plants grow to 6 feet.
$3.75 each; $10.50 for 3

**Sheik.** Pink shading to a cream-white center. A beautiful flower on strong stems. $2 each; $5.50 for 3

## INCURVED CACTUS

**Petals rolled for half their length or more, and curved toward the center.**

**Rhythm.** Deep rose-pink with primrose-yellow at the center. Fine form with petals serrated at the tips.
$1.50 each; $4.25 for 3

## ORCHID-FLOWERING DAHLIAS

Single flowers with gracefully waved petals in mixed colors.
60c each; $1.50 for 3; $5.50 per doz.

## POMPON DAHLIAS

Three-foot plants with ball-shaped flowers and good stems that are ideal for small arrangements.
**Amber Queen.** Amber-yellow.
**Betty Ann.** Delicate pink.
**Indian Chief.** Red and white.
**Joe Fette.** Pure white.
**Leta.** Wine-red.
**Mary Muns.** Deep lavender.
**Yellow Gem.** Intense yellow.
40c each; $1 for 3; $3.75 per doz.

● **COLLECTION of Pompon Dahlias: One each of the 7 colors listed.**
*Value $2.80* **Collection Price $2.25**

## MINIATURE DAHLIAS

**Flowers 3½ inches in diameter or less.**

A great many people prefer small dahlias to show types because of easy culture and usefulness as border plants in restricted space and as cut flowers. Plants grow from 1½ to 3 feet high and need no support. Pinching back will keep plants uniform. All the varieties listed are of formal decorative type unless classified otherwise.

**Bishop of Llandaff.** Bright scarlet, peony-type flowers with purplish red foliage.
**Buckeye Baby.** Gold-buff to bronze.
**Dolly.** Light lavender.
**Ike.** Dark red with pencil-striped petal tips.
**Jeep.** Wisteria-lavender with a dark purple center.
**Miss Innocence.** Pure white.
**Rhodesia.** Salmon-pink flowers of informal decorative type.
**Sylvia.** Brilliant deep red.
60c each; $1.50 for 3; $2.50 for 6

● **COLLECTION of Miniature Dahlias: One each of the 8 colors listed.**
*Value $4.80* **Collection Price $4**

### Royal Miniatures

**Royal Blue.** Bluish purple, 3-inch flowers.
**Royal Bronze.** Orange and bronze blooms, 3½ inches across.
**Royal Lavender.**
**Royal Red.** Three-inch, brilliant scarlet.
**Royal White.** Pure white.
**Royal Yellow.** Bright yellow edged buff.
75c each; $2 for 3; $3.50 for 6

● **COLLECTION of Royal Miniatures: One each of the 6 colors listed.**
*Value $4.50* **Collection Price $3.50**

## SINGLE DAHLIAS

A mixture of white, pink, red and yellow, single dahlias on 5-foot plants. Flowers have great decorative value for arrangements.
50c each; $1.25 for 3; $4.50 per doz.

AMARYLLIS, Giant Hybrid

**ACIDANTHERA Murieliae. ABYSSINIAN SWORDLILY.** Like a species gladiolus, the refined spikes of white florets marked with pink at the petal bases have considerable decorative value, particularly for cutting. Plants 3½ feet tall, blooming in August and September. 25c each; $2.25 for 10; $5 for 25

## AMARYLLIS

The spectacular amaryllis, in clear colors from white through pink to deepest red, and including shades of salmon and orange, with broad, wide-open flowers that sparkle in the sunlight, is easily grown and very worth-while.

Bulbs should be potted in good soil enriched with a handful of fertilizer, watered and stored in a temperature of 50 to 60° for four weeks, then brought to full light. The pots may be submerged in outside beds during summer but must be brought inside in the fall and allowed a period of rest.

**Giant Hybrids Mixed.** A very high-quality strain of bulbs, in beautiful colors.
75c each; $7 for 10; $15 for 25

**Amaryllis Hallii. Lycoris squamigera.** Foliage grows rapidly until July, then dies. In August the flower spikes appear and soon reach a height of 2 to 3 feet, developing a terminal cluster of 8 to 12 large, lilac-pink flowers. The crown of these hardy bulbs should be covered about 4 inches.
60c each; $5 for 10

**ANEMONE coronaria, Excelsior Mixed.** Showy white, blue and scarlet single flowers resembling poppies add brilliance to summer borders and furnish color for the cutting garden. Good drainage is essential, and flowers should be cut rather than pulled loose.
75c for 10; $1.75 for 25; $6.25 per 100

## TUBEROUS-ROOTED BEGONIAS

(In color, page 25

One of the most valuable plants for shaded beds or window boxes. The exquisite double or single flowers with their deep green foliage will demand applause in any garden.

Tubers should be placed in damp peat moss in a warm place until growth is well started, then planted in rich soil composed of equal parts loam, leaf mold and rotted manure, to which some bonemeal has been added. Plants should be well watered every few days and the foliage given an occasional sprinkling. Tubers must be stored in dry sand during winter. Large bulbs 1½ inches in diameter

**Double Camellia-Flowered.** Beautiful double flowers resembling camellias in form, and available in the following colors:
**Apricot Scarlet Pink Crimson White Yellow Mixed**
35c each; $3 for 10; $7 for 25; $25 per 100

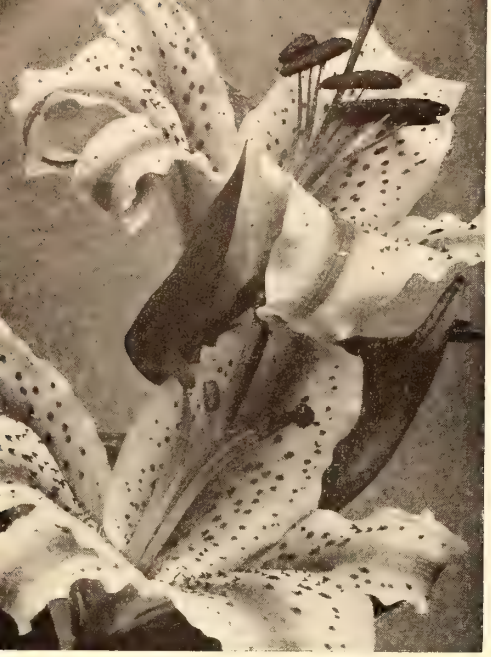
● **COLLECTION: Our Selection of 5 bulbs in 5 different colors, $1.50**

**Single Frilled and Ruffled.** The irregular petal formation and large flowers of this type contribute to its constant popularity. In the following colors:
**Apricot Scarlet Pink Crimson White Yellow Mixed**
35c each; $3 for 10; $7 for 25; $25 per 100

**Carnation-Flowered Mixed.** Semi-double flowers like small carnations, in a color range similar to that of the single frilled type.
35c each; $3 for 10; $7 for 25; $25 per 100

**Begonia multiflora.** Plants produce quantities of 2 to 3-inch, single and double flowers throughout the summer. Height 15 inches. The mixture includes rose-pink, salmon, orange, red and white.
35c each; $3 for 10, $7 for 25; $25 per 100

**Hanging-Basket Type Mixed.** Plants have long, pendent branches with quantities of flowers and rich-colored leaves. To grow in popular hanging baskets.
35c each; $3 for 10; $7 for 25



AURATUM LILY

CANNA, The President

CALLA, Golden Yellow

# Bulbs and Roots (continued)

**CALADIUM esculentum. Elephant's Ear or Taro.** From Asia we have this tropical bulb that furnishes huge, dark green leaves often 4 feet long and 2½ feet wide, which are effective in combination with tuberous begonias and other lush, tropical material. Not to be left in the open over winter.

**Jumbo Bulbs, 40c each; $3.50 for 10; $8 for 25**

**Mammoth Bulbs, 30c each; $2.25 for 10; $5 for 25**

**Fancy-Leaved Caladiums.** In color, page 26. The huge, delicate triangular-shaped leaves make a superb conservatory show and are effectively used for bedding in partial shade. Soil and treatment are the same as for tuberous begonias, and bulbs are best grown singly in 6-inch pots. When used outside, they must be taken up and stored over winter. In a choice mixture of colors.

**35c each; $3 for 10; $7 for 25**

**CALLA.** One of our most familiar greenhouse flowers, which can be grown out-of-doors with little trouble. Callas are most effectively planted in beds or groups by themselves rather than in a perennial border. The rhizomes must be dug and stored during winter the same as gladiolus.

**Golden Yellow.** *Zantedeschia Elliottiana.* Bright green leaves with white or translucent spots and deep yellow flowers.

**35c each; $3 for 10; $7 for 25**

**Pink.** *Z. Rehmannii.* A dwarf calla with leaves the same color as the above variety and rose-pink flowers.

**60c each; $5 for 10; $10 for 25**

**CANNA.** For bold, flashy bedding effects from midsummer on, no flower compares with cannas. Their tropical-appearing foliage and brilliant flowers make a wonderful show until frost.

**Roots are planted in shallow boxes or pots in March or April and kept in a warm place. Well-started plants may be moved outside in early spring (May 20 to June 10 in the vicinity of New York). Plants should be 2 feet apart. The roots are stored the same as dahlias.**

**City of Portland.** Deep pink.

**King Humbert.** Very large, bright orange-scarlet flowers with intense red markings. Bronze foliage. 5 feet.

**Richard Wallace.** Vivid yellow with green foliage. 5 feet.

**The President.** Immense, 7-inch flowers of rich, glowing scarlet. Foliage deep green.

**Yellow Humbert.** Bright yellow gaily flecked with red. Green foliage. 5 feet.

**20c each; $1.60 for 10; $3.50 for 25; $13 per 100**

**GLORIOSA Rothschildiana. Climbing Lily.** One of the most bizarre of all garden plants. The fantastic flowers are produced on stiff stems that stand out at sharp angles from the main stem. They are 3 inches across and of heavy texture. The color is red with yellow at the base and streaming down the petal edges. Petals are set wide apart and sharply reflexed to expose strange stamens and pistil. Flowers are used by florists for unique corsages. Generally grown in greenhouses, but satisfactory for a sheltered position outside if the tubers are lifted in the fall. By pinching, plants may be induced to branch and become bushy.

**$1.50 each; $4 for 3; $7.50 for 6**

**GLOXINIA.** In color, page 25. Bold tubular flowers are freely produced on plants with rich green foliage and are held upright on sturdy stems. Well grown in pots, they are ideal for a window or sheltered terrace. Culture is the same as for tuberous begonias.

**White with White Border — White**
**Violet with White Border — Purple-Blue**
**Spotted—Various Colors — Crimson**

**45c each; $4 for 10; $8.50 for 25**

**HYACINTHUS candicans. Giant Summer Hyacinth.** A vigorous plant producing spikes of small, bell-shaped flowers that are white and fragrant above a mass of long, narrow leaves.

**Choice Bulbs, 75c for 3; $1.75 per doz.; $3.25 for 25**

**ISMENE calathina. Peruvian Daffodil.** Deliciously fragrant, huge white flowers with green centers, borne on heavy stalks. Bulbs should be planted in May or early June about 18 inches apart to allow for the heavy growth of broad, strap-shaped leaves. The bulbs should be lifted and stored the same as tuberous begonias during the winter.

**35c each; $3 for 10; $7 for 25**

## LILIES

**Auratum. Golden Lily of Japan.** Majestic, 3 to 6-foot stalks are surmounted with a cluster of huge, 8 to 10-inch flowers in which exquisite quality is not sacrificed to size. There may be 20 or more on a stem. The fragrant flowers are great chalices conspicuously marked with gold from base to point of each long, wavy petal and flecked with deep red. Bulbs should be planted 9 to 12 inches deep.

**75c each; $2 for 3; $6.50 for 10; $15.50 for 25**

**Bellingham Hybrids.** Pyramidal clusters with up to 20 gracefully reflexed flowers ranging in color from yellow through orange to bright red with scarlet tips. Height 4 to 6 feet. Excellent for cutting or for informal woodland planting. Plant 5 inches deep. July–August.

**50c each; $4.25 for 10; $9 for 25; $30 per 100**

**Fiesta Hybrids.** Gay flowers on thin, wiry stems. Colors vary from bright yellow through orange to dark rich red. Although most flowers are recurved, many face outward or upward with petals only slightly reflexed. Height 4 to 5 feet. Bulbs should be 5 to 6 inches deep, in a sunny spot. July.

**80c each; $7 for 10; $15 for 25; $50 per 100**

**Formosanum.** (Late Strain.) One of several large trumpet-shaped flowers, delicately perfumed, pure white within and suffused wine-purple outside. Tips of petals are recurved. Grows 4 to 5 feet tall; free flowering. Plant in full sun or partial shade, 8 inches deep. August flowering.

**40c each; $3.75 for 10; $8.75 for 25**

**Henryi.** Resembles the Rubrum Lily, with often as many as 20 reflexed flowers on a wiry stem 6 to 8 feet high, which requires staking. The color is orange with dark spots and a green line running through the center of each petal. Some shade prevents serious sun-fading. Set bulbs 8 inches deep. July–August. **50c each; $4.50 for 10; $10 for 25**

**Longiflorum Estate. Hardy Easter Lily.** A type of Croft lily ideal for garden planting. Pure white trumpets, 5 to 7 on a stem 4 to 5 feet high, blooming in August. Bulbs should be 8 inches deep.

**75c each; $6.50 for 10; $15.50 for 25**

## Lilies, continued

**Olympic Hybrids.** Immense white, fragrant trumpets on 6 to 8-foot stems. White inside; outside color varies from green to pinkish purple. Plant in light shade about 5 inches deep. Hardy except in the coldest sections, where slight protection is required. July–August.

60c each; $5.25 for 10; $12.25 for 25

**Regale. Royal Lily.** From 1 to 25 large, trumpet-shaped, fragrant blooms occur on each 4 to 6-foot stem during July. Flowers are white, of heavy texture, sulphur-yellow in the throat and rose-purple on the outside, deepest at petal base and along the midrib. Bulbs should be set 8 to 10 inches deep. One of the most popular lilies for perennial borders.

First Size, 30c each; $2.50 for 10; $4.75 for 25; $17.50 per 100
Mammoth, 35c each; $3 for 10; $6.50 for 25; $24 per 100
Jumbo, 40c each; $3.75 for 10; $8.50 for 25; $30 per 100
Monster, 60c each; $5.50 for 10; $11.75 for 25; $40 per 100

**Speciosum rubrum. Rubrum Lily.** Wavy petals of this beautiful lily are stiffly recurved, each deeply flushed with red shading to white at the edges and accented with black-crimson papillæ. Flowers are produced on 4 to 5-foot stems in August. Bulbs should be 9 to 10 inches below the surface.

50c each; $4.50 for 10; $10.50 for 25

**Tenuifolium. Coral Lily.** A dwarf lily growing 1 to 1½ feet tall, with frequently as many as 20 flowers on a stem. The fragrant blooms have the texture of sealing wax and are bright scarlet, with reflexed petals, produced in June. A damp soil among rocks where the flowers can open in the sunlight is ideal. Bulbs should be 6 inches deep.

30c each; $2.25 for 10; $5.25 for 25

**Tenuifolium, Golden Gleam.** A beautiful yellow hybrid form, with the same habit of growth and the same blooming period.

30c each; $2.25 for 10; $5.25 for 25

**Tigrinum splendens. Tiger Lily.** Flowers are rich salmon-red, boldly spotted with purplish black, the petals stiffly recurved. The 4 to 5-foot stems bear their large clusters of flowers in August. Full sun is preferred. Bulbs should be 6 inches below the soil surface. 25c each; $1.75 for 10; $4 for 25

**Tigrinum splendens flore-pleno. Double Tiger Lily.** Handsomer than the species and blooming a little later.

30c each; $2.25 for 10; $5.25 for 25

**Umbellatum.** Stems 1½ to 2 feet high bear upright, chalice-shaped, orange-scarlet flowers flecked with brown in June. One of the easiest lilies for the amateur. Bulbs should be set 4 to 6 inches deep in full sunlight.

30c each; $2.50 for 10; $5.75 for 25

**Umbellatum, Golden Fleece.** The yellow form of the above.

60c each; $5 for 10; $10 for 25

**LILY-OF-THE-VALLEY.** Ideal for a shady corner. Graceful stems with deliciously fragrant flowers and broad shiny leaves. An excellent ground cover. Two-year pips for outdoor planting, which should be set 4 inches apart.

75c for 10; $1.75 for 25; $6 per 100

**MADEIRA VINE.** *Boussingaultia baselloides.* A tuberous-rooted vine that grows very rapidly. The leaves are elongated heart shape, the fragrant flowers tiny and produced in narrow racemes. Roots must be dug and stored over winter.

50c for 3; $1.25 for 10; $2.75 for 25

**MONTBRETIA.** The showy flowers bloom from June until September and are very valuable for borders and for cutting. Bulbs are best planted in April or May and treated the same as gladiolus.

**Apricot Queen.** A rich golden apricot, early and growing to 3 feet.

**Comet.** Large, star-shaped flowers of fine substance. Golden orange with a broad band of deep crimson and a yellow center.

**His Majesty.** Large flowers measure 4 inches across and are deep velvety scarlet shading to gold. 4 feet.

**James Coey.** Large flowers of rich vermilion suffused with golden orange, on 3-foot stems. Flowers have a yellow center with crimson blotches.

**Lady Wilson.** Light, bright yellow flowers suffused with orange. 3½ feet.

**Red Knight.** Large, star-shaped flowers of rich vermilion shaded to gold at center and heavily overlaid with maroon. Height 3 feet.

75c for 3; $1.75 for 10; $4 for 25

### Montbretia, Other Varieties

**California.** Deep golden yellow.
**Fire King.** Glowing scarlet.
**Talisman.** Deep orange.
**Transcendent.** Orange-scarlet.
**Jewel Mixture.** Includes yellow, orange, apricot and scarlet, with many blotched flowers.

50c for 3; $1.25 for 10; $2.75 for 25

**OXALIS. American Shamrock.** Dwarf plants with pink flowers and clover-like leaves during the summer. Useful for the front of a border, for hanging baskets or window boxes.

45c for 10; $1 for 25; $3.50 per 100

**RANUNCULUS, Tecolote Mixed. Buttercup.** Giant double and semi-double flowers in orange, red, yellow and pink. Bulbs are claw-shaped and small. They should be planted prongs down in May and covered firmly with 2 inches of soil. After the leaves turn yellow, bulbs should be dug and stored in dry sand until they are replanted in October or early November. A winter mulch is essential.

$1 for 10; $2 for 25; $7.50 per 100

**TIGRIDIA. Shellflower.** Flowers are delicate and very unusual, in a range of colors including white, rose, yellow and scarlet in odd combinations.

**Mixed Colors.**

85c for 10; $2 for 25; $7.50 per 100

**TUBEROSE.** The sweet tropical fragrance of tuberose is reason enough for growing it as a garden subject, although the long spikes of white flowers with here and there a suggestion of flesh color are very desirable for cutting. Bulbs are planted from February to April for a greenhouse crop, in May and June for flowering in the open. Not hardy.

**Excelsior Double Pearl.** Double-flowering white.

15c each; $1.25 for 10; $3 for 25; $11 per 100

**Single Mexican.** Single white.

15c each; $1.25 for 10; $3 for 25; $11 per 100

**ZEPHYRANTHES.** Grassy foliage and starry flowers, growing 6 to 8 inches tall and blooming all summer. Planting is done in May and June. Bulbs should be lifted and stored the same as gladiolus.

**Zephyranthes candida.** Beautiful pure white flowers borne profusely.

**Z. rosea.** Large, rose-colored flowers.

$1.50 for 10; $3 for 25; $10 per 100

MONTBRETIA

TUBEROSE

## Better Homes and Gardens Garden Book

## $3.95

A year-round guide to practical home gardening, richly illustrated in color and featuring a loose-leaf binding and index tabs for quick reference and easy addition of personal notes. There are valuable sections on planning the home grounds and on techniques for growing a wide variety of plant material. A book to be enjoyed for years—a book you will be proud to own.

## Better Homes and Gardens Handyman's Book

## $3.95

The book that makes *any* man a handyman. 510 pages, 1,660 illustrations in easy how-to-do-it style show how to save hundreds of dollars on home repairs and improvements by doing the work yourself. Every task is easier, no matter what your skill, when you have the *Better Homes & Gardens* Handyman's Book to help you. Tab-indexed for easy reference. Ring bound. Loose-leaf.

# *Gardening Books*

## GENERAL

**Garden Guide**
by 28 Horticultural Experts $3.50
Could we suggest but a single volume for the home gardener, this would be the one, for all phases of the garden, its development and maintenance are efficiently covered.

**10,000 Garden Questions Answered**
By 15 Experts $4.95
A garden book in great demand throughout the year, written in a question and answer manner by experts who have dependable advice to offer in their particular fields.

**The New Garden Encyclopedia**
Edited by E. L. Seymour $5.00
A new edition of a standard horticultural handbook that has been particularly popular because of its splendid informative text, its 1500 pictures and 64 pages of full color, and its new supplement entitled "Your First Garden."

**Learning to Garden**
Olive Gunnison $2.85
An excellent book for the new gardener, covering the major problems involved in growing the common kinds of plant material, and written in a pleasing manner

**The Weekend Gardener**
Dorothy Jenkins $2.75
For the suburbanite—practical, helpful suggestions on gardening as fresh and friendly as though given over a picket fence. The author—garden editor of *The New York Times.*

**Garden Flowers in Color**
D. J. Foley $2.95
Lavishly illustrated with color plates, and including much valuable information on garden annuals and perennials. A wonderful aid to learning the material with which the charm of gardens is created.

**Propagation of Plants**
Kains & McQuesten $4.50
A standard book on the propagation of plants; comprehensive, dependable, based on broad and thorough experience.

**Standard Cyclopedia of Horticulture**
Liberty Hyde Bailey $40.00
The "Bible" of American horticulturists, offered in the second edition, rewritten, enlarged and reset in 1942. In three volumes.

## TREES AND SHRUBS

**How to Grow Roses**
McFarland and Pyle $2.49
If roses are a problem or a potential hobby, these outstanding rose specialists offer just the information required.

**Shrubs and Vines for the American Garden**
Donald Wyman $7.50
A stunning book for any library and a dependable handbook on uses of shrubs and vines. Quantities of beautiful photographs illustrate the most useful material. Expertly made lists make it simple to find plants of the proper height and habit for any location. A thoroughly comprehensive text which will bring many hours of pleasure and profit.

**Book of Shrubs**
Alfred C. Hottes $4.00
A comprehensive study of shrubby plant material—complete with lists of plants for specified areas and a chart to indicate flowering dates, heights and other essential information.

**Book of Trees**
Alfred C. Hottes $4.00
Companion to the Book of Shrubs, describing a wide range of woody plant material too large to come under the heading of shrubs. Complete with ready-reference chart and lists for specific locations.

**A Natural History of Trees**
Donald C. Peattie $5.00
A book-full of tree history and folk-lore—complete with common and botanical names, range, nature and use of wood as well as detailed descriptions of tree silhouettes, leaves, barks, flowers and fruits. Illustrations by Paul Landacre add to Mr. Peattie's art as a nature writer.

**First Book of Tree Identification**
Matilda Rogers $2.50
Learn the more common trees from pictures. Beautiful photographs show detail of branches, individual leaves and bark design. Text notes the most important things to look for to learn the right name for the right tree.

**Pruning Trees and Shrubs**
Ephraim P. Felt $2.50
If pruning is a problem, this is the book to explain its importance and describe when and how it should be done.

## VEGETABLES AND SMALL FRUITS

**How to Grow Vegetables**
Logan and Cosper $4.50
A guide to good vegetable growing with a new slant, written in a fresh and witty manner backed by sound judgment. In modern dress, the full-page illustrations show the kind of vegetables you want to grow, and delightful pen-sketches illustrate many methods used for growing them.

**Quick Freezing and Family Food Gardening**
Gordon Morrison $2.75
A very complete book on the quick freezing of family foods, including meats, small fruits and the vegetable crops, with valuable notes on choice of vegetables and their culture.

**Herbs, How to Grow and Use Them**
Helen N. Webster $2.50
An authoritative modern herbal, recently enlarged and including many interesting historical facts on herbs, as well as valuable information on their culture and uses.

## FLOWERING PLANTS

**All About House Plants**
Montague Free $3.50
An expert writes a fascinating book on what to grow in the house for potted plants, including flowers, tropical foliage plants, shrubs, bulbs and vines.

**Tuberous Begonias**
Worth Brown $2.75
A garden without tuberous begonias. Not after reading this little volume written by a practical author.

**Garden Bulbs in Color**
McFarland, Hatton and Foley $3.49
A book highly recommended, particularly for the amateur who has not learned the value of bulbs in garden design. The 250 illustrations in full color and many fine black and white pictures are a wonderful introduction to bulbous material. Cultural and descriptive notes are dependable without being too technical for pleasant reading.

**Gladiolus**
F. F. Rockwell $1.75
A brief and direct treatise on gladiolus and their culture, which includes all the information necessary for success with this decorative flower.

**Dahlias, What Is Known About Them**
Morgan T. Riley $2.50
A comprehensive 250-page book on the culture of dahlias.

**Iris for Every Garden**
Sidney B. Mitchell $3.00
A fine book on the culture of various kinds of iris throughout the United States.

**Book of Annuals**
Alfred C. Hottes $2.00
Annuals are indispensable as a source of flowers on a small place. Concise and dependable advice on annuals—which ones to grow and how to grow them.

**Book of Perennials**
Alfred C. Hottes $2.75
A wealth of information necessary for the wise choice and culture of perennials, which form the basis of successful flower borders.

**The Complete Book of African Violets**
Helen V. P. Wilson $2.95
A fresh new edition of the most popular book about African violets. Packed full of up-to-the-minute information on hundreds of varieties and step-by-step directions on how to make them flower. There are 48 pages of illustrations—29 varieties in full color.

**The New Book of Lilies**
Jan de Graaff $3.50
The new emphasis on lilies is largely due to hybridizing of superb new varieties by this well-known author. With the use of 16 beautiful natural color photographs and 12 pages of drawings, he brings the gardener up to date with the new introductions and offers invaluable suggestions for American lily culture.

**Complete Book of Flower Arrangement**
Rockwell and Grayson $4.95
A very attractive book, generously illustrated and offering a great many professional ideas for the effective arrangement of flowers.

## ON BIRDS

**Audubon Bird Guide**
Richard H. Pough $3.00
A guide to bird identification with over 400 illustrations of birds in beautiful and accurate color, as well as many interesting facts about bird life.

**Field Guide to the Birds**
Roger T. Peterson $3.50
A very clever guide, made particularly valuable because of its accent on little differences that immediately distinguish birds of similar appearance. Beautifully illustrated in color.

## HOME LANDSCAPE

**Color and Design for Every Garden**
Ortloff & Raymore $3.50
A greater number of valuable suggestions for successful development of your home grounds than in any similar book published in years. A very intelligent, easy-to-follow guide to better garden design and more effective use of color.

**Garden Planning and Building**
Ortloff & Raymore $3.50
Of great assistance to the small home owner wishing to landscape his own property. A great number of good ideas and suggestions ably presented by two landscape architects.

Registered Trade Mark

# *The Most Outstanding Vegetable Introductions*

**for 1952**

***Including the Top-Flight All-America Winners***

**Vegetable Seeds are delivered transportation paid in the U. S. A. at prices listed in this catalog.**

## BUSH BEAN • 25 WADE

**A.A.S. Gold Medal 1952**

*Tremendous Yields—Smooth Deep Green Pods—Fine Flavor*

Here is the perfect snap bean for the home garden. The smooth, round pods average 6 inches in length. They are slender, and a pleasing shade of dark green. The plants are taller than Tendergreen and carry the pods well off the ground. Resistance to common bean mosaic and powdery mildew make it a most dependable variety, and it will yield tremendous crops. 50 days. **Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75**

New Bush Bean, Wade

## LETTUCE • 514 SALAD BOWL

**A.A.S. Gold Medal 1952**

*One Head Fills a Salad Bowl with a Perfect Rosette of Decorative, Rich Dark Green Leaves.*

Salad Bowl was recommended by the judges exclusively for home-garden use. The leaves are too tender and dainty for commercial shipping. It is a loose-leaf variety, and the prettiest of them all. It stands the sun better than the popular Oakleaf variety; it is a faster and larger grower and much slower to bolt to seed. The leaves are short and closely set. They hold their quality, tenderness and fine texture over a long period. Developed by Dr. Ross Thompson. **Pkt. 25c; 3 pkts. 65c**

New Lettuce, Salad Bowl

## SPINACH

## 800 AMERICA

*Heat Resisting—Heavy Yielding*

**A.A.S. Silver Medal 1952**

They say there's a monument to POPEYE THE SAILOR in an important spinach-growing area in Texas. If you agree that spinach has a place in all diets, you will want to try this new cross between Bloomsdale Longstanding Dark Green and Viking. The plants are 6 to 8 inches high, with a width of 10 to 12 inches. Very thick leaved, real glossy dark green, and beautifully savoyed. 50 days. **Pkt. 25c; 3 pkts. 65c**

New Spinach, America

## PEPPER

## 696 VINEDALE

**A.S.A. Bronze Medal 1952**

*Very Early—Very Sweet*

Highly recommended for the home gardener who wants bumper crops of peppers early in the season. The fruits have exceptionally thick flesh walls for such an early variety, and they average 4 by 2 inches with blunt ends. The red flesh is exceptionally rich in coloring after turning from the green. The plants are of dwarf habit, well branched. **Pkt. 25c; 3 pkts. 65c**

## MUSKMELON

## 639 GOLDEN DELIGHT

**A.A.S. Bronze Medal 1952**

*Dependable—Firm Flesh—Sweet and Delicious*

A reliable cropper. It produced good results in areas with heavy rainfall, and it did equally well under drought conditions. The fruits are elongated and average 5 by 7 inches, with thick salmon-orange flesh that is firm, well flavored and of good quality. **Pkt. 25c; 3 pkts. 65c**

## TOMATO • 895 QUEENS

*A New Early Variety by the Originator of Rutgers*

Professor Lyman G. Schmerhorn of the New Jersey Agricultural Experiment Station developed Queens from a cross between Valiant and Rutgers. The result is a very productive early variety with smooth, deep globe-shaped fruits with an average weight of 5 ounces. The fruit has thick outer walls and inner walls with small seed cavities, and thus retains a firm, prime quality for a long time. The flavor is exceptionally pleasing, with the perfect blend of sharpness and sweetness. **Pkt. 25c; 3 pkts. 65c**

# *Grow Hybrids — The New Super Vegetables of the Modern Age*

## CABBAGE

### 253 HYBRID SUCCESSION

O. S. CROSS

**A 1950 All-America Honorable Mention**

The first hybrid cabbage ever introduced. The heads are larger than Succession, weighing up to 10 pounds. They are solid, of good color, and remarkably uniform in size and shape. This variety will appeal to all home gardeners who like a solid cabbage that has both size and quality. Season 80 days from setting the plants in the garden. **Pkt. 25c; 3 pkts. 65c.**

## CUCUMBER

### 421 SURECROP HYBRID

**All-America Bronze Medal Winner**

This is the most highly rated of the white spine type cucumber hybrids. It is exceptionally early maturing, requiring 58 days. The fruits measure 8 to 9 inches in length and 2½ inches in diameter. Their attractive dark green color holds up well after picking. The flesh is crisp, sparkling white and tender. Vigorous, long bearing, resistant to mosaic and downy mildew. **Pkt. (30 seeds) 25c; 3 pkts. 65c**

## TOMATO

### 897 HYBRID EARLY SENSATION

Can you imagine a tomato maturing its first fruits 60 days after setting out? This new hybrid will do just that and bear fruits weighing 4 to 5 ounces each. The plants are vigorous and very productive. Bright rich scarlet with solid, meaty flesh. **Pkt. (30 seeds) 35c; 3 pkts. $1.**

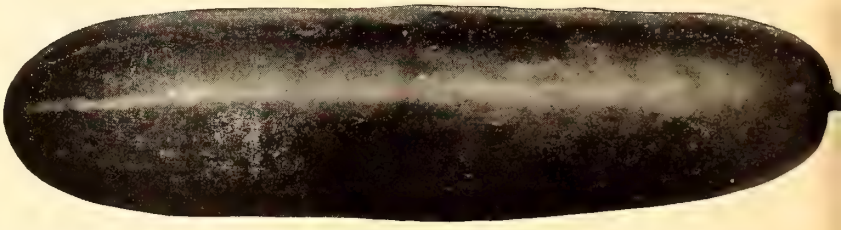
Onion, Hybrid Asgrow

## ONION

### 616 HYBRID ASGROW—Y-40

*The First Hybrid Onion to be Presented to the Home Gardener*

Hybrid vigor when applied to onion means additional earliness, hardiness, and uniformity, with heavier yields. It required many years of patient work by plant breeders to accomplish these results, for the onion is not a plant that readily lends itself to hybridizing. Asgrow Y-40 is an early, mild, sweet onion of globular shape with a tan-yellow skin and firm white flesh. Its hardiness means that the seed may be sown sooner than the older varieties, and so produces onions earlier in the season. Ready in about 90 days from sowing. **Pkt. 35c; 3 pkts. $1.**



Cucumber, Surecrop Hybrid

Tomato, Hybrid Winsall

## TOMATO

### 909 HYBRID WINSALL

*The Super—Winsall*

Our files are so filled with testimonials from garden enthusiasts who say that Winsall is the perfect tomato that we realized we had set ourselves a difficult task in attempting to produce a superior variety even in a hybrid. But as one of our plant breeders said when looking at a row of Hybrid Winsall, "It's Winsall, but there's more of it."

Hybrid Winsall does produce larger crops and the fruits are smoother, with greater uniformity in size and shape. They have the same rich crimson, thick meaty flesh and Winsall's own inimitable flavor.

**Pkt. (30 seeds) 50c; 2 pkts. 90c; 3 pkts. $1.25**

Asparagus, Giant Washington

# BUSH BEANS GREEN-PODDED

★Recommended for quick freezing

CULTURE: Sow every two weeks from early May until August for succession crops in the latitude of New York. Farther South, sow earlier; farther north, later. Plant 2 inches deep in drills 2½ feet apart. Plant seeds 2 inches apart; thin out plants to stand 4 inches apart. They commence bearing in six to eight weeks. 2 lbs. to 100 ft. of drill. Approximate maturity dates are given for each variety.

## 12 TOPCROP

*The U. S. No. 1 Bush Bean*

The pods are round, straight, smooth, entirely stringless and without fiber. Seed development is slow, thus making for meaty pods even in relatively advanced stages of maturity. The pods average 6 inches in length, and maturity is slightly earlier than Tendergreen. Look for a tremendous yield over a short period, rather than extended pickings. The plants grow 15 to 16 inches high, have great vigor and are immune to common bean mosaic.

Pkt. 20c; ½lb. 55c; lb. 95c; 5 lbs. $4.50

## 28 ★TENDERGREEN

*First in Quality—Ideal for the Home Garden*

For those who demand quality above all else we recommend Tendergreen. The pods are absolutely stringless and fiberless, with a delicious flavor and a melting tenderness that distinguishes them as the ultimate in quality. The vigorous plants average from 14 to 15 inches high, the stems are stout and rigid, the foliage is heavy, glossy and attractive. The pods are deep rich green in color, extremely brittle, perfectly round, and 6 to 6½ inches long. Ready for use in 48 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75

## 1 ★BOUNTIFUL

*Flat, Green-Podded, Stringless*

Introduced by us many years ago, this superior, stringless bush bean is in greater demand today than any other variety in cultivation. The plant is very vigorous, almost immune to disease, hardy, early and prolific. It bears rich green stringless pods of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, and of high quality, meltingly tender and having a delicious flavor exclusively their own. 48 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $3; 15 lbs. $7.50

## 20 ★STRINGLESS GREEN-POD

An old favorite, definitely improved through years of selection. Plants are bushy and productive. Pods are nearly round, slightly curved, without strings or fiber. 53 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75

## 22 HENDERSON STRINGLESS

Absolutely stringless from the first to the last picking and is quite free from rust. The vine is upright, strong and healthy, about 1½ to 2 feet in height, and bears a heavy crop of meaty, tender pods 6 to 7 inches in length in about seven weeks from planting the seed. The quality and flavor of the pods are unexcelled. 48 days.

Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75; 15 lbs. $9

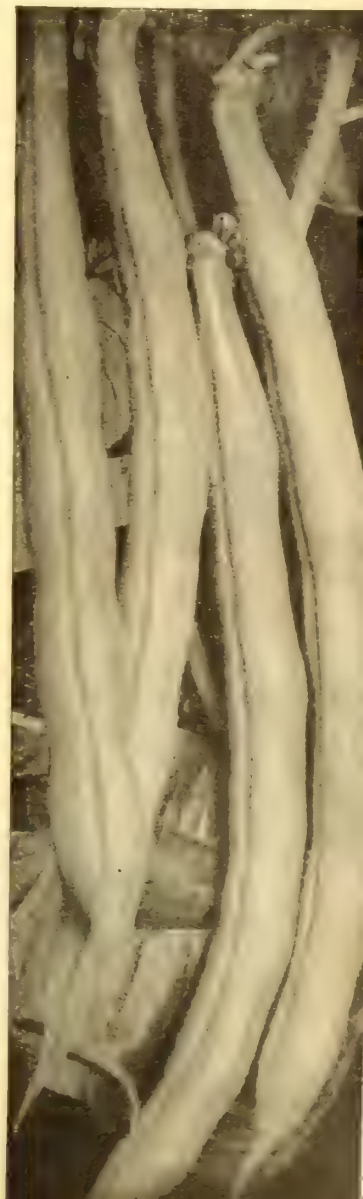
**24 PLENTIFUL.** The pods are quite similar to Bountiful, measuring 6½ to 7 inches long, but not quite so wide and slightly darker green, straight, flat, entirely stringless, and of the highest quality. 48 days. Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.75; 15 lbs. $7.75

**30 SUPERGREEN.** Noted for high yields, excellent quality and resistance to mosaic. It produces tremendous crops of slender, round pods that are stringless in all stages. The pods are 6 to 7 inches in length, and of a rich green color that rates them high in table quality.

Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25

**14 FRENCH HORTICULTURAL.** Produces 7-inch pods generously splashed with brilliant red or carmine. Used as a snap bean or for shelling green. 70 days. Pkt. 15c; ½lb. 45c; lb. 85c; 5 lbs. $4

Bush Bean, Tendergreen



# ASPARAGUS

CULTURE: Beds that are cared for improve with age and last for many years. Cutting may begin the second year after the roots are planted. If seed is used, three to four years longer are required before the plants reach cutting size. Plant in rows from 3 to 5 feet apart, with a distance of 9 to 24 inches between the plants. Send for free pamphlet "Asparagus Culture."

## ★GIANT WASHINGTON ROOTS

Some varieties of asparagus seem to be afflicted with rust. But Giant Washington—developed under the auspices of the United States Department of Agriculture—is declared to be peculiarly immune to this disease. The shoots are of giant size, very vigorous, straight, and what is still more important, of extra good quality. Dark green tinged with purple.

2-year roots: 25 for $1.95; 50 for $3.25; 100 for $5.75

## 109 ★PARADISE

An excellent variety; heavy producer of very large stalks.

2-year roots: 25 for $2.25; 50 for $4; 100 for $7.50; 1000 for $70
Delivered, Transportation Paid

## 207 ★GIANT WASHINGTON SEED

Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.25

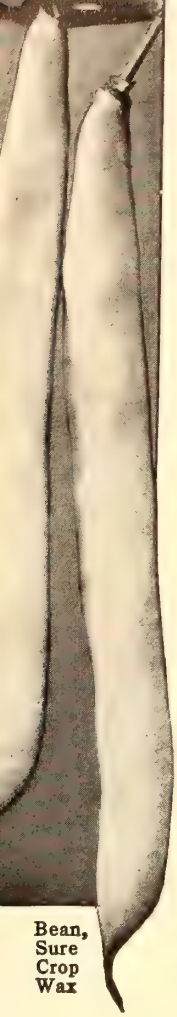
# ARTICHOKE

## 201 LARGE GREEN GLOBE

*Early, Productive and Rustless*

The best strain of this favorite French delicacy.

Pkt. 25c



Bean, Sure Crop Wax

# BUSH BEANS

## WAX-PODDED

CULTURE: Same as for green bush beans on page 37.

### 55 SURE CROP WAX

The beautiful amber pods average 6 to 6½ inches long. They are straight and brittle, stringless and of excellent flavor. The plants are large and robust and produce excellent crops. This variety is an established favorite in all sections of the country where beans are grown. 52 days.

**Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3.25; 15 lbs. $7.75**

### 36 ★BRITTLE WAX

A particularly good variety for canning and freezing. The large plants produce medium yellow pods nearly 6 inches long, full of flavor, round, tender and brittle, without strings or fiber. 50 days.

**Pkt. 20c; ½lb. 45c; lb. 80c; 5 lbs. $3.75**

### 46 GOLDEN WAX

A very early variety for the home garden. The yellow, 5-inch pods are thick, oval, fleshy, brittle and stringless. 48 days.

**Pkt. 20c; ½lb. 45c; lb. 80c; 5 lbs. $3.75**

### 44 GOLDEN AGE WAX

Besides being absolutely stringless, it is remarkable for its rust-resisting and disease-resisting qualities. The plants are vigorous in growth and bear heavy crops of transparent, tender, golden, waxy pods, delightful to the eye, and ready to pick in 50 days.

**Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4; 15 lbs. $9.50**

### 56 UNRIVALED WAX

The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight. 48 days.

**Pkt. 15c; ½lb. 40c; lb. 75c; 5 lbs. $3.50; 15 lbs. $9**

# BUSH LIMA BEANS

CULTURE: Plant about the middle to latter part of May around New York. The rows should be 2½ feet apart, the seed sown edgewise in the drills six inches apart and covered 1 inch. They commence bearing in from twelve to fifteen weeks, according to the earliness of the variety. Do not brush against bean foliage when wet. 1 lb. to 100 ft. of drill.

### 69 EARLY GIANT

*True Bush, Enormous Pods and Beans*

The healthy, sturdy, upright plants, require neither poles nor stakes and bear from July until frost almost unbelievable quantities of 5 to 6-inch pods, each containing usually 4 large, thick beans, averaging as large as those of the large pole Limas. Whether used green or cured, they are of superb quality—tender, rich and buttery, the true Lima flavor. 72 days.

**Pkt. 15c; ½lb. 45c; lb. 85c; 5 lbs. $4; 15 lbs. $9.25**

### 72 ★FORDHOOK

The bush, which grows stiffly erect about 16 to 20 inches high, holds the broad, plump pods well above the ground so that they do not become beaten or discolored by wind or rain. The pods usually contain from 3 to 5 large plump beans of excellent quality. 75 days.

**Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75; 15 lbs. $9**

### 73 FORDHOOK U.S. NO. 242

Heavier yields, both early and late, distinguish this variety from the standard Fordhook. It sets basal pods from the first blossoms even in hot, dry weather. The pods are very uniform and hold their size on the late sets. Each contains 3 to 4 plump beans of the finest quality. 72 days.

**Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75; 15 lbs. $9**

### 75 HENDERSON

*The Original "Baby" Lima Bean*

It produces a **continuous** crop from the time it comes into bearing (it is fit for the table in the latitude of New York the middle of July) until frost, and, being enormously productive, a very small patch will keep a family supplied with this splendid vegetable through the season. The plant forms a compact bush about 18 inches high. 65 days.

**Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $3; 15 lbs. $7.25**

# POLE LIMA BEANS

CULTURE: Grown in hills 3 feet apart in rows 4 feet apart, but being very tender, the seeds should not be planted until the ground has warmed—the latter part of May around New York.

### 83 ★EMPIRE STATE

(In color, page 45)

In place of the customary 4 to 5 beans to the pod, as found in other varieties, Empire State has mostly 6. Furthermore, it has greater productivity in pods per plant, so that a season's yield is truly enormous.

The pods of Empire State are of giant size, averaging 7 inches. They are borne in great clusters from the top to the bottom of the plant.

The beans are uniformly large and fleshy with a perfection of flavor, luscious and rich. They are ideal for freezing. 82 days.

**Pkt. 35c; ½lb. $1; lb. $1.75**

### 85 LEVIATHAN

It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn. It is a prodigious cropper, producing its pods in large clusters, well filled with large, fleshy Beans, pale green in color, of a rich buttery flavor. 80 days.

**Pkt. 15c; ½lb. 45c; lb. 80c; 5 lbs. $3.75**

# POLE BEANS

### 96 OLD HOMESTEAD or KENTUCKY WONDER

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful. They are very large, 6 to 8 inches in length, stringless, plump, meltingly tender and of superb flavor. 65 days.

**Pkt. 15c; ½lb. 35c; lb. 70c; 5 lbs. $3.25**

### 93 GIANT WAX

Since its introduction in 1932, Giant Wax has won many admirers. It is a show bean par excellence, as it develops beautiful, unblemished, flat pods 8 to 10 inches long and clear amber-yellow in color. 65 days.

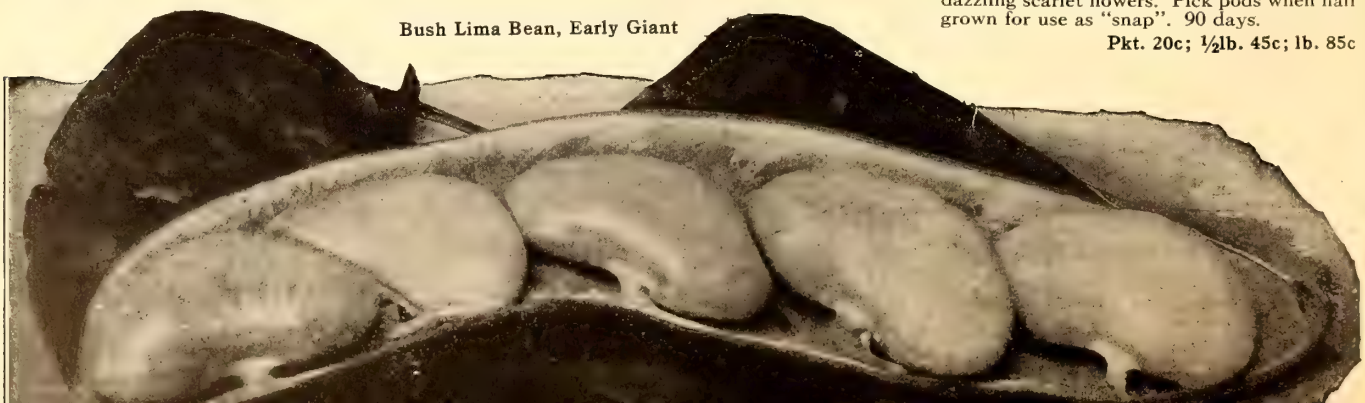
**Pkt. 25c; 5 pkts. $1**

### 98 SCARLET RUNNER

A 10-foot ornamental vine for shade, with dazzling scarlet flowers. Pick pods when half grown for use as "snap". 90 days.

**Pkt. 20c; ½lb. 45c; lb. 85c**

Bush Lima Bean, Early Giant



# BEETS—Select Table Varieties

**CULTURE:** The best soil for beets is light, enriched the year before with well-rotted manure. For an early crop, sow in spring, as soon as the ground is fit to work, in drills about 1 foot apart and 1 inch deep. For main crop sow the first week in May, and for winter use sow in June or July. These dates are for the latitude of New York. South, sow earlier; north, later. When the seedlings have attained four leaves, thin out to 4 inches. 1 oz. to 50 ft. of drill; 5 lbs. to the acre in drills.

## 231 IMPROVED OVAL GEM

See color picture page 45

*Tempting—Nutritious—Requires Less Cooking*

It is oval in shape, slightly receding toward the base. It is extremely smooth and uniform, medium in size. The foliage is small, bronze-green in color. The beets are dark red, slightly ringed; when cooked (which, by the way, requires less time than the ordinary sorts), the rings disappear, turning the entire beet to the color of a glowing ruby.

**Pkt. 25c; 3 pkts. 65c**

## 221 IMPROVED WONDER

*An Outstanding Stock of the Popular Early Wonder*

A very early variety that develops uniformly so that the roots can be lifted at one time. Tops are small, and the fine, dark-colored flesh of the beets is exceptionally tender and sweet—qualities intensified through selections in the standard Early Wonder. Deep blood-red. 58 days. **Pkt. 20c; oz. 45c; ¼lb. $1.25; lb. $3.25**

**214 ★DETROIT DARK RED.** Probably the best of the larger sorts. It succeeds equally well at all seasons and is one of the best to sow in early spring to succeed the extra early and medium crop sorts. It may be sown about August 1 (in the vicinity of New York) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. 56 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75**

**216 EARLY BLOOD TURNIP.** Deep blood-red. The flesh is tender and sweet, and it is an excellent variety for canning. This variety should be sown for a late crop on account of its quickness in maturing. For winter storage it is unexcelled. 56 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75**

**226 EXTRA EARLY EGYPTIAN.** The root grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth, violet-red in color; flesh of a dark blood color. 54 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75**

**227 GOOD FOR ALL.** Because of the small size of its roots even when fully matured, it is especially fine for canning and pickling whole. Tops small and uniform. Roots smooth, very even in size, almost globular in shape; very small slender tap-root. The skin is dark red and the flesh deep crimson, fine grained, tender and sweet. 56 days. **Pkt. 20c; oz. 45c; ¼lb. $1.25**

Beet, Improved Wonder

## 219 EARLY WONDER

Edible roots are produced much earlier than with most varieties. It is very highly recommended for spring and summer sowing; it can also be planted later in the season than any other kind for the last crop of the year. The skin is deep red and the flesh dark in color, fine grained and particularly tender and sweet. Fully matures in 58 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $2.75**

## 238 WINTER KEEPER

*A Garden Delicacy for the Winter Months*

Develops large, tapering roots which retain their delicacy of quality and flavor throughout the winter. Due to its large size and the rough appearance of the outer skin, the average housewife would be rather skeptical regarding its quality, but one trial will convince anyone as to its quality. 80 days. **Pkt. 15c; oz. 55c; ¼lb. $1.65**

Brussels Sprouts, Long Island Strain

# BRUSSELS SPROUTS

## 242 ★LONG ISLAND STRAIN

*A Special Dwarf Selection*

This popular vegetable is easy to grow. The sprouts produced along the central stem resemble miniature cabbage heads. They have a delicious flavor, much more delicate than ordinary cabbage. Our strain produces compact plants that are liberally covered with solid sprouts. Ready 85 days from the setting out of the plants.

**Pkt. 25c; ½oz. $3; oz. $5**

**★Recommended for Quick Freezing**

# BROCCOLI

## 241 ★RIVIERA

*The Improved Italian Type—A Delicious Vegetable*

Famed for its tender, delicious and savory flavor, also for its healthful and obesity-reducing qualities and ease of culture. The plant grows about 3 feet high, is branching in character, and each branch terminates in a green sprout. It thrives anywhere. For an early crop, start the seed in a cold-frame and transplant seedlings to the open ground after frost. For late crop, start seed in the open ground in early summer. 75 days.

**Pkt. 25c; ½oz. 90c; oz. $1.75**

**240 EARLIGREEN.** Produces a large center head in 65 days from planting. After the head is cut, however, the plant produces an enormous crop of lateral shoots of the same fine quality.

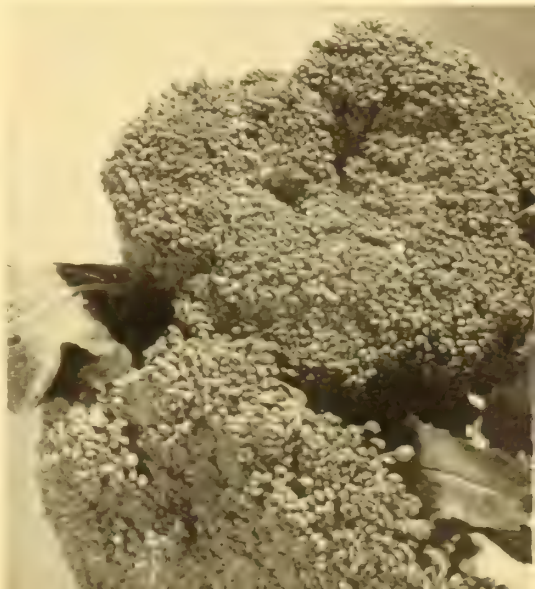
**Pkt. 35c; ½oz. $1.25; oz. $2.25**

**243 NEW YORK MARKET.** Italian Calabrese Strain. This very choice variety produces a large head of bluish green color. After the head is cut, numerous small heads develop from lateral shoots to prolong the harvesting season. 70 days.

**Pkt. 25c; ½oz. 90c; oz. $1.75**

*Our leaflet "The Culture of Cabbage, Cauliflower, Broccoli, Etc." Sent on request when ordering.*

Broccoli, Riviera



# CABBAGE

CULTURE: For earliest crop, start seed in hotbed in February. Transplant in April, 18 inches apart in rows and 2 feet between rows. For late crop start seeds in May or June outdoors in good, rich soil and transplant in July. Approximate maturity dates are given from the time the plants are set out.

## Early Varieties

### 260 EARLY JERSEY WAKEFIELD

*The Best First-Early, Pointed-Head Cabbage*

The heads are pyramidal in shape, having a blunted or rounded peak. It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality. 62 days. **Pkt. 15c; oz. 60c; ¼lb. $1.80**

### 269 GOLDEN ACRE

*Round Heads of Fine Quality*

A wonderful cabbage for the home garden because the plants are very compact and there are few outer leaves. The heads are of very convenient size for the average family, with an average weight of three pounds and with a diameter of 6 inches. Heads of this size are ready for the table within 64 days from the setting out of the plants. This variety is sure heading and practically every plant produces a perfect head of the finest quality.

**Pkt. 15c; oz. 95c; ¼lb. $2.25**

## Midseason Varieties

### 274 SUCCESSION

*The Most Celebrated Second-Early Cabbage*

We offer the fine original strain that is noted for its uniformity in the size and shape of the heads. The average head weighs 8 pounds and measures 8 inches deep and 10 inches across. The interior is very solid and compact and is well covered by the closely folded top leaves. The plants are of medium large size with spreading outer leaves and short stems. It has good storage qualities. Season 80 days.

**Pkt. 15c; oz. 65c; ¼lb. $1.95**

*Cabbage is a healthful food. It contains calcium, phosphorus and iron as well as all the vitamins.*

Cabbage, Bonanza

### 251 BONANZA

*The Sensational Long-season Cabbage. Ideal for the Home Gardener Profitable for the Market Grower.*

The heads of this remarkable new cabbage will stay in perfect condition in your garden for two to three weeks. There's no more wastage, no more having to cut more heads than you need at one time. The explanation is that Bonanza makes a firm head early in the season and continues to grow until its maximum size of 4 pounds or more is reached.

The heads are 6 to 7 inches in diameter and almost round. They have a very short core and slender ribs, so that all you cook is tender, delicious cabbage. The heads are ready for use in about 70 days from the setting out of the plants. **Pkt. 25c; oz. $1.50; ¼lb. $4.50**

*Chinese Cabbage is a fine vegetable when cooked like other cabbage, but it is delicious when used as a salad.*

Chinese Cabbage, Chi-Hi-Li

## Late Varieties

**258 DANISH BALL HEAD.** This short-stem type is popular on account of the great solidity and weight of the heads. It is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing, when trimmed, fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring. 100 days.

**Pkt. 15c; oz. 85c; ¼lb. $2.55**

**268 LATE FLAT DUTCH.** Produces very large, round, flattened heads; very uniform, firm and hard. A reliable header even under unfavorable conditions and is one of the best late fall and winter-keeping cabbages. 105 days.

**Pkt. 15c; oz. 55c; ¼lb. $1.65**

**250 AMERICAN DRUMHEAD SAVOY.** The savoy cabbages differ from all others in the peculiar crumpled character of the leaves. Although excellent at any season of its growth, the savoy cabbage is never at its best until touched by frost. 88 days.

**Pkt. 15c; oz. 85c; ¼lb. $2.55**

**270 MAMMOTH ROCK RED.** A large-growing, select strain, producing very solid heads weighing 10 to 12 pounds each; color, intense dark red. 95 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

### 257 CHI-HI-LI—also Called CELERY CABBAGE

This variety is the most popular of any of the Chinese types and very dependable in heading. The heads are 18 to 20 inches in length. 3 to 4 inches thick at the base, and taper slightly, near the top or tip. They are very solid, well blanched, crisp, and of a delicious flavor. Ready 70 days from seed sowing. **Pkt. 15c; oz. 75c; ¼lb. $2**

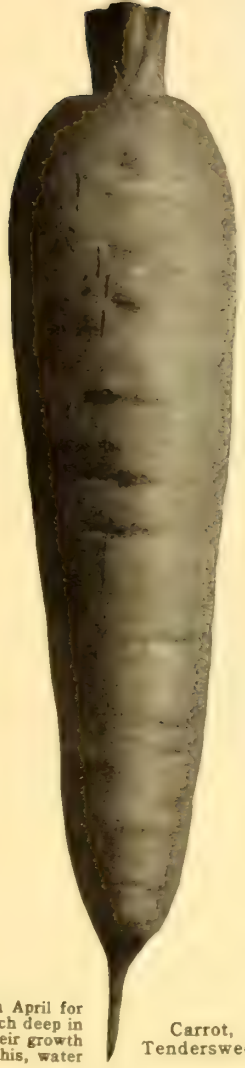
**6315 PHOSPHATE (Super) 18-20%.** A high-grade product of treated phosphate rock. It is one of the principal sources of phosphoric acid which is essential for the production of cabbage and other vegetable crops. Many soils are deficient in this essential element. It is readily soluble.

**5 lbs. 55c; 10 lbs. 75c; 25 lbs. $1.50; 100 lbs. $4.50**

Cabbage, American Drumhead Savoy

Cabbage, Succession

Carrot, Coreless



Carrot, Tendersweet

Carrot, Rubicore

# CARROTS

CULTURE: Prefers a deep, mellow soil. Sow seed in April for an early crop or in July for a fall crop. Sow seed ½ inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought.

## 292 CORELESS

*The Most Popular of All Home-Garden Carrots*

Its beautiful appearance alone wins favor for it wherever grown. Besides, its coreless, rich red-orange flesh possesses a sweet melting tenderness that appeals even to those who are not fond of carrots. The shape is cylindrical, stump-rooted, about 6 inches long. It is clean skinned, smooth and very early. 68 days.

Pkt. 15c; oz. 60c; ¼lb. $1.80

**★300 NANTES HALF-LONG.** A shapely, stump-rooted variety of medium size, and one of the best for private gardens for summer use; medium early. 68 days.

Pkt. 15c; oz. 60c; ¼lb. $1.80

**★305 RUBICORE.** A superb carrot for the home garden as well as for those growing for local trade and for shipping to more distant markets. Roots are deep orange-red, with an indistinct core nearly the same color as the surrounding flesh, 6 inches long and 2½ inches at the shoulder, tapering to a blunt end. 72 days.

Pkt. 15c; oz. 60c; ¼lb. $1.75

**6019 ROTENONE DUST.** Excellent insecticide for many sucking and chewing insects. Safe and prompt in action.

Lb. 50c; 4 lbs. $1.60; 50 lbs. $18.00

## 310 TENDERSWEET

*The Sweetest, Tenderest and Hardiest Carrot Grown*

An outstanding sort for the home gardener because it represents quality at its zenith. The plant is distinct, the leafstalks dark purplish green. The roots when fully matured average from 8 to 10 inches long. They taper slightly from shoulder to a blunt end. 80 days.

Pkt. 20c; oz. 60c; ¼lb. $1.80

**289 CALIFORNIA BUNCHING.** An excellent variety for the home gardener, because of its attractive appearance and high quality. The roots are about 8 inches long, slightly tapered, and at maturity practically cylindrical and stump rooted. The skin is smooth, deep orange in color. The flesh is of fine grain and exceptionally sweet. 77 days.

Pkt. 15c; oz. 55c; ¼lb. $1.65

**6107 FERMATE.** Highly effective against many fungi. 8 ozs. 85c; 3 lbs. $3.25

Our pamphlet "Garden Culture of Root Crops" tells how to grow carrots to perfection. Sent on request when ordering.

**★Recommended for Quick Freezing**

## 290 CHANTENAY

A popular favorite for its rich orange-red color, its fine-grained flesh, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round, blunt base. In the latitude of New York, it may be sown in the latter-part of April for an early crop and from June 1 to 20 for the main crop. 70 days.

Pkt. 15c; oz. 55c; ¼lb. $1.65

## 294 DANVERS HALF-LONG

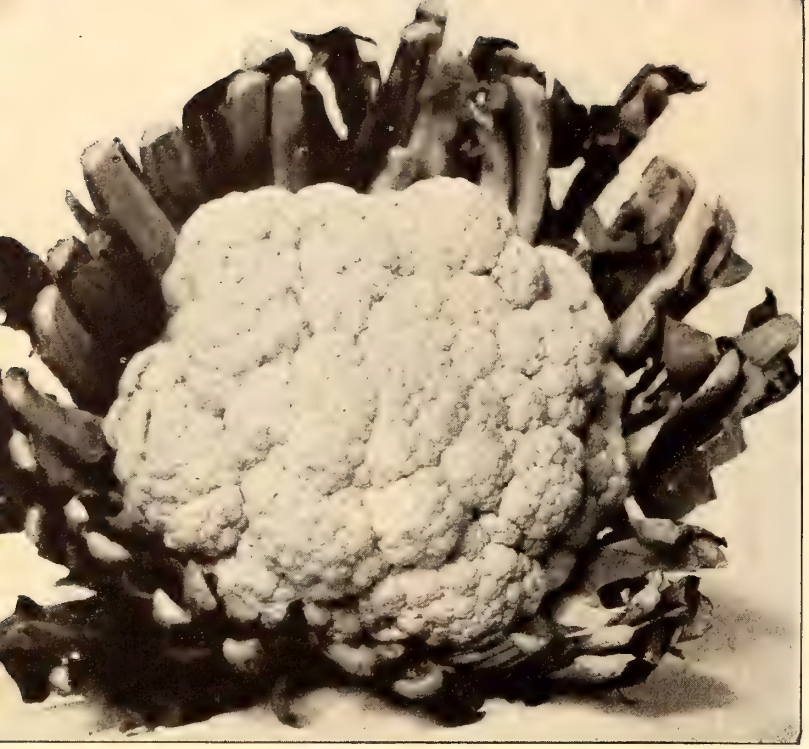
A dependable, handsome, half-long cylindrical, stump-rooted carrot of a rich dark-orange color. It grows to a large size, is smooth, and the flesh is very close in texture, with very little core. It is a first-class carrot for all soils and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types and is excellent to store for winter use. 75 days.

Pkt. 10c; oz. 50c; ¼lb. $1.50

**303 IMPERATOR.** This carrot is long and smooth, with deep orange color and uniformly tapered to a semi-blunt end. Flesh is fine grained, tender and of excellent quality. 77 days. Pkt. 15c; oz. 60c; ¼lb. $1.75

ORDER ENOUGH SEED to make three or more sowings and enjoy delicious young carrots throughout the season.

**5239 SPEEDY CULTIVATOR.** An excellent 4 tined cultivator with curved tines sharply pointed and short enough for working among vegetables, under low bushes, flowers and plants. Tines 4 in. width, 5⅛ in. handle, 5½ ft. $1.90 postpaid



Cauliflower, Snowball

# CAULIFLOWER

**CULTURE:** Although cauliflower may be grown as easily as cabbage, we urge those who are not familiar with its cultivation to ask for our free pamphlet, "Cultivation of the Cauliflower."

## 322 PRIMOSNOW

This is an ideal type. It possesses many of the characteristics of our famous Snowball—good form, good size, great depth, and above all, a beautiful snow-white, firm head free from riciness or leafiness. The plant is sturdy and the foliage of fine conformation, the inner leaves being incurved and giving ample protection to the developing flower. **Primosnow** is the earliest high-quality cauliflower that has ever been developed. It is ready to cut fully 8 to 10 days before Snowball. 55 days.

**Pkt. 50c; ½oz. $3.25; oz. $5.75**

## 323 ★SNOWBALL

*Incomparably the Best for Spring or Fall Crops. An Excellent Forcer.*

Beyond question, **The Famous Snowball** is the perfect cauliflower for the American gardener. In most sections of the United States the best and most satisfactory crop is grown from seed sown outdoors about May 20 and transplanted during July, so that the plants make their best growth during the cooler months.

**The Famous Snowball Cauliflower,** grown from seed sown under glass in February and transplanted after frost, will produce perfect heads of snowy whiteness in the open ground by June 1. There is none to equal it in value for forcing under glass for a winter crop, for which it is especially adapted by reason of its compact, upright habit, quick growth, and sure-heading quality. For all purposes and at all seasons it has become indispensable, owing to its reliability in heading, its strong, vigorous habit, and the whiteness of its perfectly formed flowers. It is, without doubt, the ideal cauliflower, perfect in size, in reliability, in color, and in quality. Ready about 65 days from plant setting.

**Pkt. 35c; ½oz. $2.50; oz. $4.50**

## 316 ★BEST OF ALL

Plants are of medium height with waved and crumpled leaves bending outward. Inner leaves cover the head efficiently. Heads have good depth, are solid, ivory-white and of fine quality. An early variety that reaches maturity evenly and requires prompt handling. 60 days.

**Pkt. 35c; ½oz. $3; oz. $5.50**

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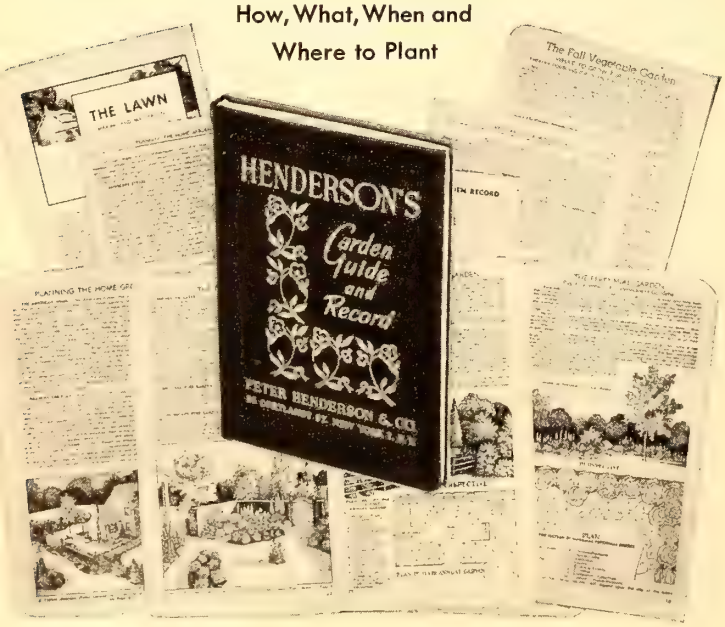
*This 112-page Book Tells*

How, What, When and Where to Plant




# Revised Edition of Henderson's *Garden Guide and Record*

Sent without charge upon request with orders amounting to $4 or over.

With this book the novice can make as beautiful and productive a garden as the expert.

Having gone through ten or more editions with a distribution of well over two million copies, this edition, which was entirely reset in a modern easy-to-read type face, makes this book more valuable than ever.

New feature articles on garden planning are accompanied by drawings of garden plans and perspectives, by an experienced landscape architect. Up-to-the-minute articles tell about Soil Preparation, Lawn Making, The Building of Annual or Perennial Gardens, Rock Gardens, Rose Gardens, etc. Everything connected with the cultivation, harvesting and storage of vegetables is included. Latest canning methods, dehydrating and quick freezing are among the new subjects treated.

There are 96 pages of text and 16 record pages, 112 pages in all. In convenient pocket size with a strong, water-repellent cover, so that it may be taken right out to the garden for reference.

**Sent without charge on orders amounting to $4 or over if requested. Published price 50c. Postpaid.**

# SWEET CORN

CULTURE: Sweet or sugar corn may be either planted 1 inch deep in rows 3 or 4 feet apart, and the seeds placed about 8 inches apart in the rows, or planted in hills at distances of 3 or 4 feet each way, according to the size of the variety grown. The taller the variety, or the richer the soil, the greater should be the distance apart. Make first plantings in this vicinity about the middle of May and plant every two or three weeks until the last week in July. In more southerly latitudes planting is begun earlier and continued later. 1 lb. for 150 hills; 12 to 15 lbs. per acre.

## Hybrid Varieties

*Exceptionally Vigorous and Resistant to Stewart's Disease*

### 138 SUNLITE. See Color Plate on Back Cover

*The Earliest Yellow Hybrid Sweet Corn*

At the head of the list because of its earliness, its productivity, and the uniform high quality of its ears. These average from 7 to 7½ inches, with 10 to 12 rows of perfectly formed, pale yellow kernels that bespeak a luscious richness and unparalleled sweetness possessed by few other varieties. The plant is of medium height and vigorous; it matures in about 70 days.

**Pkt. 20c; ½lb. 55c; lb. $1; 5 lbs. $4.75**

### 127 HONEY CROSS

One of the sweetest hybrid corns for the home garden and for market. Ears are long, 12 to 14-rowed, with light cream-yellow, medium broad kernels. Resistant to disease. 72 days.

**Pkt. 20c; ½lb. 55c; lb. $1; 5 lbs. $4.75**

### 117 GOLDEN SUCCESSION

The first picking is ready in 74 days and, due to the spread in maturity, successive pickings are made over a period of about 10 days or more, thereby providing a continuous supply of the choicest sweet corn from one planting. The plants are sturdy, vigorous, 6 to 6½ feet tall, and very productive. The ears are about 8 inches long, with 12 rows of deep yellow kernels. Excellent quality.

**Pkt. 20c; ½lb. 50c; lb. 95c; 5 lbs. $4.50**

### 128 MARCROSS

When planted at the same time as Golden Cross Bantam, Marcross will be ready for use about 10 days earlier. The ears are practically as long as the ears of Golden Cross Bantam and have 10 to 14 rows of kernels. The quality is superb. Matures in approximately 74 days.

**Pkt. 20c; ½lb. 50c; lb. 90c; 5 lbs. $4.25**

### 112 ★FLAGSHIP

A first-quality hybrid corn growing 7½ feet high and averaging two perfect 8-inch ears to a stalk, each with 12 to 15 rows of large, tender, exceptionally sweet kernels. The tight husks resist earworm. 82 days.

**Pkt. 20c; ½lb. 55c; lb. $1; 5 lbs. $4.75**

### 125 GOLDEN CROSS BANTAM

Remarkably wilt-resistant and has shown an unusual capacity to withstand unfavorable weather conditions. The ears are most uniform and attractive. They average 8 to 9 inches in length and are well filled to the tips with 10 to 14 rows of golden yellow kernels. The kernels are deep, tender and sweet and retain their good table quality for a longer period than most sorts. 85 days.

**Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4**

### 105 CREAM-O-GOLD

*(See Color Plate on Back Cover)*

*The Sweetest, Tenderest and Daintiest Sweet Corn*

The merits of this famous Henderson introduction are so widely known that description may seem unnecessary. But to new readers of this catalog we would say that our customers wrote this description through their many testimonials.

Its luscious sweetness is the result of many years of breeding; its unusual tenderness is due to the gossamer-like casing of the kernels; its daintiness to the pencil-like thinness of the cob; its attractive appearance to its creamy yellow color.

The plants are very uniform, about 5½ feet high. Many stalks produce two full-sized ears that are about 8 to 9 inches long, with 8 to 10 rows of kernels. 88 days.

**Pkt. 25c; ½lb. 60c; lb. $1.10; 5 lbs. $5.25**

Sweet Corn, Iochief

### 102 IOCHIEF

*Superior Flavor*
*Longer Ears—Greater Yield*

The ears measure 9 to 10 inches in length and are exceptionally uniform in size and shape. Every ear carries 16 or 18 rows of kernels of an attractive golden yellow color, filled with the most delicious, tasty, sweet and tender pulp. The unusual depth of the kernels is quickly noticed as one sinks his teeth into this delightful delicacy. There are very few tillers, averaging perhaps one short one to a plant. It has been found somewhat heat and drought resistant and the stalks stand up well against heavy winds. 85 days.

**Pkt. 25c; ¼lb. 65c; lb. $1.25; 5 lbs. $5.75**

### 126 HYBRID EVERGREEN (White)

Exceptionally vigorous and productive. The delicious snow-white ears are about 8½ inches long, with 16 to 18 rows of kernels which are fairly deep. 96 days.

**Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $4**

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*Send for leaflet "Cultivation of Sweet Corn". No charge with orders.*

### Collection of Yellow Hybrid Sweet Corn

**Sunlite.** Extra Early.
**Marcross.** Early.
**Golden Cross Bantam.** Midseason.

**136-A 1 pkt. each of 3 sorts** (75 hills) 50c.
**136-B ½ lb. each of 3 sorts** (180 hills) $1.35
**136-C 1 lb. each of 3 sorts** (360 hills) $2.40

# SWEET CORN

## Open-Pollinated Varieties

### 119 ★GOLDEN BANTAM

A dwarf, medium early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list. This is the original, deliciously flavored strain which has made the yellow-kerneled type of sweet corn so greatly desired. Our stock is selected for uniformity and quality. 79 days.

**Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2 75**

### 107 ★COUNTRY GENTLEMAN

*Plump, Pearl-White, Milky Kernels, Fairly Melting in the Mouth*

Of nectar-like sweetness, luscious, tender and milky and remains "in the milk" longer than other sweet corn. The ears measure 8 to 9 inches in length, and the plant is very prolific, often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties. 92 days.

**Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2.75**

### 132 ★SUGARSWEET

*The Best Early White Variety*

The dainty snow-white ears grow to a length of 5 to 6 inches, and each ear has an ample stem or handle, which should be left on when cut, so that when served at the table the ear will be more convenient to hold. The dwarf size of 4 feet enables the suburbanite to raise **more corn on the same space of ground.** It is one of the very few varieties that will thrive well in city backyards. 70 days.

**Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $3**

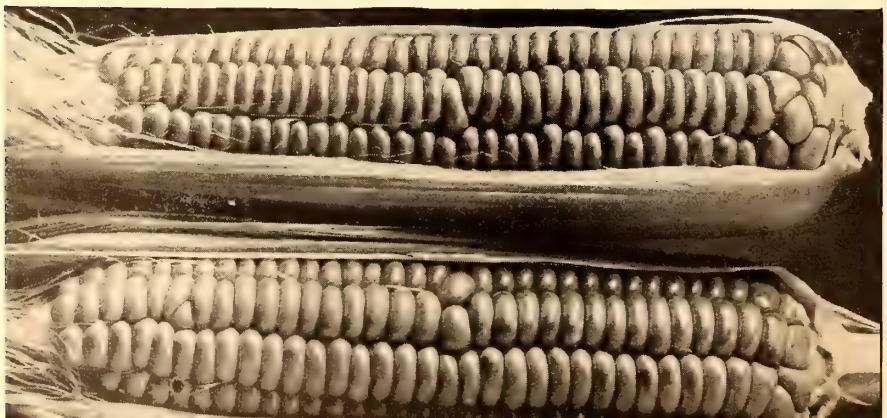
### 130 STOWELL'S EVERGREEN

*The Best Late White Variety*

Long recognized everywhere as a standard variety for both home use and market and is a general favorite. The ears are of large size; grains deep, exceptionally tender and sugary and with the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected. 94 days.

**Pkt. 15c; ½lb. 35c; lb. 60c; 5 lbs. $2.75**

Sweet Corn, Golden Bantam



### 139 WHITE MIDGET

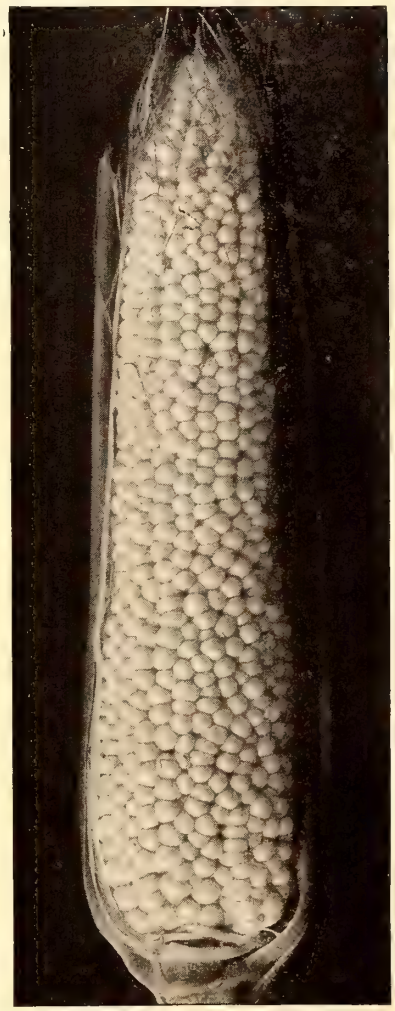
Grows about 30 inches tall, with two to five ears 4 inches long on each stalk. Kernels are white and delicious. 55 days.

**Pkt. 50c; ½lb. $1.25**

### 140 GOLDEN MIDGET

A golden yellow form of midget corn with delectable ears and plants that answer the same description as the above. 55 days.

**Pkt. 50c; ½lb. $1.25**



Sweet Corn, Country Gentleman

Midget Corn

## CARDOON

**280 LARGE SPANISH.** Large fleshy-leaved plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves are tender and have an agreeable flavor when cooked.

**Pkt. 20c; oz. 75c**

## CHERVIL

**360 FRENCH CURLED.** The young aromatic leaves are much used in soups and salads. 60 days.

**Pkt. 20c; oz. 90c; ¼lb. $2.75**

## CHICORY

**365 LARGE-ROOTED.** The "Barbe de Capucin" of the French. It is very easy to grow and is also used in summer as greens. Roots mature in 4 to 5 months. Greens are ready in 55 days. **Pkt. 25c; oz. $1; ¼lb. $3**

**367 WITLOOF.** Called also "French Endive." The roots grown in the garden are easy to force in any warm cellar or room. 150 days.

**Pkt. 25c; oz. $1; ¼lb. $3**

## COLLARDS

**370 GEORGIA.** A tall, loose form of cabbage. 75 days.

**Pkt. 10c; oz. 25c; ¼lb. 70c; lb. $1.75**

## CORN SALAD

**375 LARGE LEAVED.** Hardy plants for late fall, winter and spring use. They form rosettes of tender, edible leaves. 45 days. **Pkt. 15c; oz. 75c; ¼lb. $2**

## CRESS or PEPPER GRASS

**380 EXTRA CURLED.** Crisp, pungent leaves used as a condiment and for garnishing. 45 days.

**Pkt. 10c; oz. 50c**

**382 UPLAND.** Resembles Water Cress. though this variety succeeds in dry soil. 65 days.

**Pkt. 15c; oz. 70c**

**384 WATER.** It must be grown in moist locations. 180 days. **Pkt. 25c; oz. $2.50**

*Send for leaflet on Salads, free on request with orders.*

**231 BEET Improved Oval Gem**
Of beautiful oval shape and as sweet as sugar, tasty and very tender.
Pkt. 25c.

**676 PEPPER, California Wonder.** Famous for its size, sweet flavor and productiveness. Pkt. 25c; oz. $1.50; ¼lb. $4.50.

**83 POLE LIMA BEAN Empire State**
Mammoth pods usually with 6 large, fat beans to each. So tender, so delicious and what big yields.
Pkt. 35c; ½lb. $1.00; lb. $1.75.

**725 RADISH, Cherry Belle.** Bright red with tasty pure white flesh. A real gem.
Pkt. 15c; oz. 45c; ¼lb. $1.35.

# RICHMEAT

## Superlative Scarlet Tomato

**Full description page 55**

## RICHMEAT—*the Largest and Meatiest*

**903—Pkt. 25c; 5 pkts. $1.00**

**Famous for Quality**

**Famous for the Home Garden**

**Famous as Prize Winners**

## *Prize Crimson Tomato*

## 915 WINSALL

It wins approval from 40,000 people—It wins prizes wherever shown—It wins by its qualities of sweetness, solidity and seedlessness. See page 55 for full description.

**Pkt. 25c; 5 pkts. $1; ½oz. $2; oz. $3.50.**

# CELERY

CULTURE: Sow seeds as soon as frost is out of ground, about ¼ inch deep. When seedlings are 4 inches high, they should be cut back about 1 inch and transplanted into well-enriched soil. Set plants 6 inches apart in rows 3 feet apart.

## 339 GOLDEN PLUME SPECIAL STRAIN

*The First Early Celery Par Excellence*

Requires no banking. When fully matured is most inviting. The foliage is creamy yellow, and the stalks creamy white, becoming almost white at the base. It is entirely devoid of any ribs or fibre and is brittle, tender and deliciously flavored. Its earliness, vigor, freedom from disease, large size, attractive appearance, and high quality commend it to all growers. 85 days from the setting out of the plants.

Pkt. 25c; oz. $2.50; ¼lb. $7.50

## 332 EASY BLANCHING

*A Favorite Second-Early Variety*

It bleaches earlier and more quickly than any of this class. The plant is of medium height and great vigor, having thick rather than broad stalks, with shallow ribs. The leaves are slightly crumpled, distinguishing it from any other variety. Its quality is superb. The stalks are tender and brittle and the flavor extremely spicy and aromatic. 110 days.

Pkt. 15c; oz. $1.50; ¼lb. $4.50

**346 SUMMER PASCAL.** An early green celery of fine quality. Stalks are thick, tender even when unblanched. The outer stalks are of good flavor. The plant is sturdy, robust, not tall and blanches to pure white. The variety is popular where early green celery is in demand. 115 days.

Pkt. 25c; oz. $2.50; ¼lb. $7.50

**336 GIANT PASCAL.** A desirable long-keeping, green winter celery. Robust, healthy, about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches to a pearly white and the stalks are extremely brittle, stringless and crisp. Flavor unsurpassingly rich and nutty. 140 days.

Pkt. 15c; oz. $1.50; ¼lb. $4.50

# CELERIAC

## Turnip-Rooted Celery

**358 SNOWBALL.** The smooth, round, turnip-like roots average 3 inches across. The flesh is snowy white, and it has the flavor of delicious nutty celery. Celeriac may be served in a great number of ways. It is greatly relished in salads and soups. 110 days from plant setting.

Pkt. 15c; oz. $1

Celery, Golden Plume

# CUCUMBER

CULTURE: Seed should be sown in hills leveled to the size of a dinner plate and should be flat with the ground unless the land is over-moist, in which case the hills may be 3 inches above the ground level. The hills should be 4 feet apart each way. Planting should be done after mid-May in the New York area, with successive plantings at two-week intervals, until mid-July. Thin to 3 plants to each hill. A packet of seed will plant about 15 hills, or an ounce 50 hills.

## 416 THE HENDERSON

*Extra Early—Prolific*

Uniformly large and symmetrical fruit of an intensely rich, deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous. 68 days.

Pkt. 15c; oz. 40c; ¼lb. $1.25; lb. $3.25

## 397 MARKETER

AAS Dark green right down to the blossom end. The average fruit is 7¾ inches in length, and 2¼ inches in diameter. Crisp, icy-white flesh. 65 days.

Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.75

## 417 PALMETTO

Typical fancy fruits are 8 to 9 inches in length and a rich dark green in color. The seed cavity is small and the interior flesh is sparkling white, crisp and solid. The flavor is excellent. Yields compare most favorably with other varieties, but when mildew strikes PALMETTO will continue to produce long after other varieties are ruined. 72 days.

Pkt. 25c; 3 pkts. 65c

**398 IMPROVED EARLY WHITE SPINE.** Straight cucumbers about 8 inches long, narrowing at the ends and characterized by prominent white lines at the blossom end. 58 days.

Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25

**415 STRAIGHT EIGHT.** Early and very productive. The fruits are 8 to 9 inches long and about 1½ inches in diameter, well rounded at the ends, uniformly cylindrical in shape. When ready for use, deep green in color, free from striping. The flesh is tender, crisp and of fine flavor. 66 days.

Pkt. 15c; oz. 35c; ¼lb. $1.10; lb. $3.20

**411 LONGFELLOW.** Fruits 12 to 14 inches long, of a beautiful dark olive-green color. 72 days.

Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25

**392 COOL AND CRISP.** An extra-early exceedingly prolific and continuous-bearing variety.

Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.75

## Cucumbers for Pickles

**402 EXTRA-EARLY GREEN PROLIFIC.** An early strain of the Green Prolific type but far more productive. 55 days.

Pkt. 10c; oz. 30c; ¼lb. 75c; lb. $2.25

**413 NATIONAL PICKLING.** Just as firm after pickling as before. It is early maturing, very productive and uniform in shape and color. 55 days.

Pkt. 15c; oz. 35c; ¼lb. $1.10; lb. $3.20

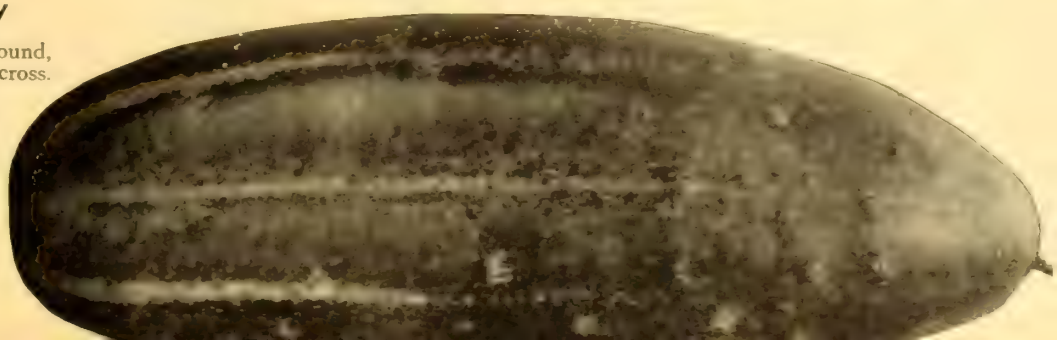
**412 LONG GREEN.** The best variety for big yellow mustard pickles. 70 days.

Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25

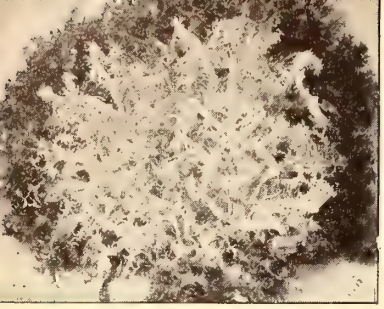
## Greenhouse Cucumber

**419 IMPROVED TELEGRAPH.** (Imported seed.) Very dark green, long and straight.

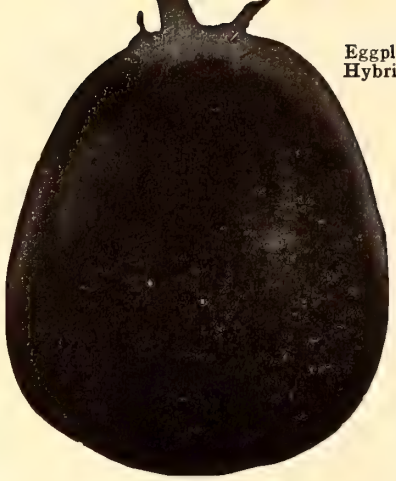
Pkt. (25 seeds) $1; 3 pkts. $2.75



Cucumber, The Henderson



Endive, Golden Heart Summer



Eggplant, Hybrid

Kale, Dwarf Curled or Blue Scotch

# EGGPLANT

**CULTURE: Sow seed ½ inch deep in hotbed or greenhouse in March or April; when an inch high, put in 2 or 3-inch pots. Plant outdoors late in May.**

## 451 THE NEW HYBRID

This first-generation eggplant hybrid surpasses commercial varieties in many important respects. The plants are tall, semi-spreading and vigorous. Plants yield a good crop of fruit over an extended period, in most cases borne high enough to keep them from touching the ground. The fruits are oval, medium size and dark purple. Especially resistant to drought and disease.
**Pkt. 35c; 3 pkts. 90c**

**446 BLACK BEAUTY.** An early variety, handsome, large and of great merit. A prolific producer of uniformly large, purple-black fruits of fine quality. 80 days. **Pkt. 15c; oz. $1.40; ¼lb. $4**

**450 NEW YORK SPINELESS.** The plant is of low growth with vigorous branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by frost. An ideal exhibition variety. 80 days. **Pkt. 15c; oz. $1.40; ¼lb. $4**

# ENDIVE

**CULTURE: Sow during March or April in hotbed or coldframe. Cover seed ½ inch and transplant 1 foot apart in open ground in April or May. For late crop sow in June and July and transplant 1 foot apart each way. 1 oz. for 3000 plants.**

## 457 GOLDEN HEART SUMMER

Attractive, very compact plant. As it develops, the center changes from green to a beautiful creamy yellow, giving it a most inviting and appetizing appearance, as if artificially blanched. The leaves, which are crisp and tender, have a nutty flavor.
**Pkt. 20c; oz. 50c; ¼lb. $1.50**

**453 BROAD-LEAVED BATAVIAN (Escarolle).** Broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as greens. 90 days. **Pkt. 10c; oz. 35c; ¼lb. 95c; lb. $2.75**

**454 DEEP HEART-FRINGED.** The hearts are closely packed with well-blanched, fine leaves. The plants often reach a diameter of about 12 inches and a depth of 7 inches or more. 90 days. **Pkt. 15c; oz. 35c; ¼lb. $1; lb. $3**

**459 GREEN CURLED.** The best for general use, easily blanched by covering the full-grown plants with boards or pieces of slate. Good results come from early spring sowing and even better when treated as a fall crop. 95 days.
**Pkt. 10c; oz. 35c; ¼lb. 95c; lb. $2.75**

**★Recommended for Quick Freezing**

# KALE

**CULTURE: If wanted for use in late fall or early winter, sow ½ inch deep early in June and transplant middle of July, 2 feet apart in rows 2 feet apart. If needed for spring use, sow in April. 1 oz. for 2000 plants or 150 ft. of drill.**

## 464 ★DWARF CURLED or BLUE SCOTCH

Largely grown for supplying greens during the fall, winter and spring. Also used small, like spinach, and for garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bluish green color. Plants are of very dwarf, even growth, the leaves hugging the ground so that they are not broken off by heavy, wet snow. 60 days.
**Pkt. 15c; oz. 50c; ¼lb. $1.50; lb. $4**

# KOHLRABI

**CULTURE: Seeds may be started in hotbed or coldframe during February or March and plants set out 1 foot apart in rows 2 feet apart in April or May. Or sowings may be made in the open ground where the plants are to grow in April or May and for fall use in July. Cover the seeds ½ inch. 1 oz. for 2000 plants.**

## 473 ★EARLY SHORT-LEAVED WHITE VIENNA

Extremely tender, with the flavor of both turnip and cabbage. The bulbs are large enough to be eaten in from 7 to 8 weeks from sowing, and as they are more tender and delicately flavored before full maturity, it is advisable to make successive sowings. 55 days.
**Pkt. 15c; oz. $1; ¼lb. $2.75**

**475 EARLY PURPLE VIENNA.** The outside color is purple; flesh white and delicate. 60 days.
**Pkt. 15c; oz. $1; ¼lb. $2.75**

# LEEK

**CULTURE: Sow early in April or May, in drills 18 inches apart; cover the seed ½ inch deep. Plants should be thinned to stand 4 to 6 inches apart in the row. For very early crop the seed may be started in coldframe or hotbed in February or March and when large enough transplanted as deep as possible without covering the center leaves, so that the neck may be blanched. 1 oz. will sow 100 ft. of drill.**

## 480 AMERICAN FLAG

Best variety for general use and largely grown for fall and early winter. Quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long. Blanches beautifully white; fine, mild flavor. 150 days.
**Pkt. 20c; oz. $1; ¼lb. $3**

# DANDELION

Dandelion is claimed to be one of the most healthful salad plants. Large quantities of the Italian type is grown in coldframes by market growers for early greens.

**436 ITALIAN (Ciccoria Catalogna).** Sometimes called Asparagus Chicory. Resembles Common Dandelion, but its leaves are more upright. 95 days. **Pkt. 20c; oz. $1.50**

Leek, American Flag

# LETTUCE

CULTURE: For early crops, start the end of February in a coldframe or indoors in a seed box at a sunny window. Cover the seed not over ⅛ inch. Seedlings should be ready for setting outdoors in April. Set the plants 1 foot apart in rows 18 inches apart. Seed may also be sown during April or May. For a fall crop, sow seed in August.

## Heading Varieties

### 520 NEW YORK

*Appetizing and Zestful—Crystal White*

**The King of Main Crop Head Lettuce.** Produces immense heads, often 10 and 12 inches across and weighing enormously. The interior is beautifully blanched, white, crisp, tender and delicious. A very large, robust variety, resisting hot, dry weather, very slow to run to seed and a sure header. 80 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.20; lb. $3.60**

### 519 GREAT LAKES

A summer lettuce. It stands heat and sun, is remarkably slow to throw up a seed stalk, and is also very resistant to tip-burn. The heads are of medium size, solid and crisp. 80 days. **Pkt. 25c; oz. $1; ¼lb. $3**

**505 PROGRESS.** Progress has everything the home gardener wants in a head lettuce. Heads delightfully crisp, solid, good size. It is early, rich dark green, attractively savoyed. Plants slow to bolt to seed. 82 days. **Pkt. 25c; 5 pkts. $1**

**511 IMPERIAL NO. 44.** The heads are large, hard, well formed and uniform in size. 82 days.
**Pkt. 15c; oz. 50c; ¼lb. $1.25; lb. $3.75**

### 492 BIG BOSTON

This popular variety may be sown outdoors for early summer or fall use or sown in frames for spring, and forced cool for winter use. The large, creamy white heads are packed with blanched, sweet tender leaves. 76 days.
**Pkt. 10c; oz. 35c; ¼lb. 95c; lb. $2.85**

**499 EARLY BUTTERNUT.** An improved Butterhead type fine for forcing. One of the earliest maturing varieties. The compact, creamy white heads also mature rapidly, in the open ground. 66 days.
**Pkt. 20c; oz. 60c; ¼lb. $1.75**

**527 TENDERHEAD.** Heads small and compact. Slow to run to seed. Its delicious flavor and tender texture make this variety outstanding. 66 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.25**

**518 MIGNONETTE.** The best for early spring use. The heads are small, deliciously sweet, creamy white. Extremely hardy, and very slow to go to seed. 66 days.
**Pkt. 15c; oz. 50c; ¼lb. $1.50; lb. $4**

**493 BIBB.** An early, small-headed, tender dark green lettuce. The heads blanch to cream. Recommended for early spring planting. The quality is excellent, and it is in demand by the luxury hotels. 57 days.
**Pkt. 15c; oz. 60c; ¼lb. $1.25**

**516 MAY KING.** Heads of medium size and very compact in form, being very tightly wrapped. The hearts are creamy yellow, very tender and crisp and of excellent flavor. 66 days.
**Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.85**

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**6105 SULPHUR WETTABLE.** An improved form of dusting sulphur which suspends immediately. **Lb. 20c; 5 lbs. 80c; 10 lbs. $1.50; 25 lbs. $3.25**

## Leaf Varieties

### 509 BRONZE BEAUTY

Tender, crisp and of unusually tasty, nut-like flavor. The finest, most colorful and most delicious leaf lettuce for the home garden. Easy and quick to grow—ready for the table about 40 days after seeding. The plants are vigorous, well formed, uniform in height and resistant to hot weather. The leaves are long, neatly arched and with margins deeply lobed and scalloped. Their color, too, is entirely new—a warm ruddy bronze sheen completely suffuses the soft green undertone. **Pkt. 25c; oz. 95c**

### 507 SLOBOLT

It withstands summer temperatures without going to seed for two to three weeks longer than Grand Rapids or Black-Seeded Simpson. Slobolt has light green leaves that are well frilled and savoyed. They are exceptionally tender and flavorsome. If only the basal leaves are used as they reach a desirable size, lettuce may be harvested from the plants over a period of several weeks. 43 days. **Pkt. 25c; oz. 75c; ¼lb. $2.25**

### 508 GRAND RAPIDS

It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittleness. 42 days
**Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.85**

**510 GRAND RAPIDS U. S. NO. 1.** The plants are vigorous and a little larger than the regular strain, exceptionally uniform and well curled. The best strain for greenhouse use. 42 days.
**Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.85**

**496 BLACK-SEEDED SIMPSON.** It stands the summer heat splendidly and is practically everbearing, for, as the leaves are picked, new leaves will grow. 45 days.
**Pkt. 10c; oz. 35c; ¼lb. 90c; lb. $2.50**

**525 OAKLEAF.** The leaves are small and tender, deep green. A fine summer lettuce. 40 days. **Pkt. 20c; oz. 60c; ¼lb. $1.75**

## Romaine or Cos Lettuce

**526 TRIANON COS.** The long, spoon-shaped leaves form oval-shaped heads. Romaine Lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable. 70 days.
**Pkt. 15c; oz. 35c; ¼lb. $1; lb. $2.85**

**528 GIANT WHITE COS.** The immense heart is crisp, tender and has an excellent flavor. The outer leaves are practically self-closing. **Pkt. 20c; oz. 75c; ¼lb. $2.25**

*Enjoy healthful, zestful lettuce at its best by growing a continuous supply in your own garden. Our leaflets tell you how.*

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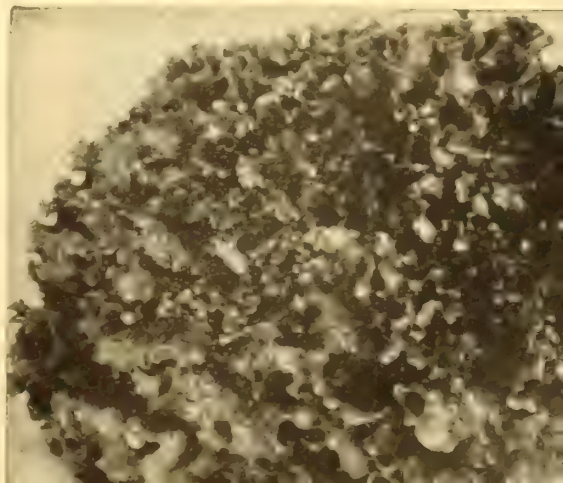
**6053 ROTENONE-SULPHUR DUST.** Popular combination for the flower and vegetable garden. **Lb. 50c; 4 lbs. $1.75**

Lettuce, New York

Lettuce, Big Boston

Lettuce, Grand Rapids



# MUSKMELON or CANTALOUPE

Send for Cultural Leaflet

## 537 GRANITE STATE

Very early, orange-fleshed and of high quality. Honey Rock type, but earlier. Oval in shape with flatter, more open netting. Vines small and compact. Fruits average 5 to 5½ inches by 4 to 4½ inches. Especially recommended for northern sections. **Pkt. 25c; oz. 75c**

## 534 IROQUOIS

The fruits resemble Bender's Surprise in appearance, but the flesh is thicker, darker orange, and of even finer quality. In localities where fusarium wilt is troublesome, Iroquois is well worth a trial. 90 days.
**Pkt. 25c; oz. 60c; ¼lb. $1.80**

**536 BENDER'S SURPRISE.** Fruits large, round to oval in shape, distinctly ribbed and well netted. The flesh is thick, deep salmon color, very sweet and of superior quality. 90 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50**

**540 HEARTS OF GOLD.** The flesh is a rich, deep orange-scarlet in color, very fine grained and deliciously sweet. 94 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50**

**546 HALE'S BEST.** A salmon-fleshed type similar to Rocky Ford. It is oval in shape, slightly ribbed, well netted and grows larger than ordinary Rocky Ford. 85 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50**

**550 DELICIOUS.** The earliest large melon in existence. Flesh deep salmon colored, firm, and deliciously sweet. 83 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.35; lb. $3.50**

**557 ROCKY FORD.** The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. 91 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25**

**542 HONEYDEW.** The flesh is green, verging on creamy yellow, thick and succulent, with a very small seed cavity. 115 days.
**Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.50**

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**6085 CUTWORM BAIT.** Control of cut worms, snails, slugs, crickets, etc. Non-injurious to vegetation and is very economical to use because of its insolubility in water.
**Trial size 35c; 2½ lbs. 75c; 5 lbs. $1.15**

Muskmelon, Iroquois

# MUSHROOM SPAWN

## 590 PURE CULTURE BOTTLE

**★SPAWN PURE WHITE.** This spawn is made in bottles under absolutely sterile conditions, so that spores of other fungi, many of them poisonous, insect eggs, weed seeds and all other extraneous matter is excluded. One carton of this spawn equals 5 bricks of ordinary spawn and will spawn an area of about 40 square feet. We include full instructions with the spawn.
**Carton $1.40; 10 cartons $13**

# MUSTARD

**CULTURE: Wholesome, vitamin-rich greens of easiest culture, thriving in good moist soil. Sow seed as early in the spring as weather permits and make successional sowing every 10 days until the weather gets hot. 1 oz. for 600 ft.**

**586 FORDHOOK FANCY.** The ordinary mustard plant is usually eaten as a salad only, but Fordhook Fancy is used cooked like spinach as well as eaten raw. 35 days.
**Pkt. 15c; oz. 30c; ¼lb. 90c; lb. $2.50**

**803 MUSTARD SPINACH.** It has a most delicious flavor peculiarly its own and combines the qualities of both spinach and mustard. **Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.50**

# ONION

**CULTURE: For an early crop, seed may be sown in coldframes in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in latitude of New York, in soil that has been manured the previous year. Sow about ½ inch deep in rows 1 foot apart, and then thin out to 3 inches apart in the rows. 1 oz. to 100 ft. of drill.**

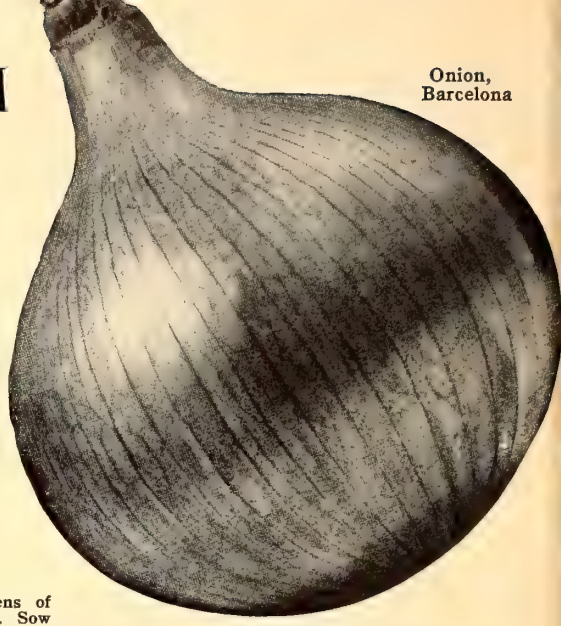
**613 PRIZETAKER.** The outer skin is rather pale yellow, the flesh pure white throughout. It is extremely mild in flavor, very much esteemed for slicing, baking and boiling. 105 days.
**Pkt. 15c; oz. $1; ¼lb. $3; lb. $9**

**607 HARDY WHITE BUNCHING.** An excellent scallion variety for spring or fall sowing. Plants will not form bulbs, but they produce long, smooth, pure white stems of perfect flavor and tenderness. 55 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50**

**608 EARLY YELLOW GLOBE.** Deep yellow in color, and under favorable conditions matures 10 days to 2 weeks earlier than Southport Yellow Globe. 100 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50**

**629 YELLOW GLOBE DANVERS.** Shape varies from flat to deep oval. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere, solid and good throughout. 105 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50**

It's easy to grow high quality onions in your garden by following the instructions given in our leaflet, "Onion Culture"—sent on request when ordering.



Onion, Barcelona

## 610 BARCELONA

A selection obtained from our famous onion, Espanola, although it is pure silvery white in color. It is also more of a true globe shape. The outer skin is silver-white and the inside is sparkling white, of fine texture, mild flavor and delicate tenderness. 105 days.
**Pkt. 15c; oz. $1; ¼lb. $3; lb. $9**

## 612 ESPANOLA

Bulbs extremely large, almost globular; neck and root disc small and fine. Skin light yellow; interior fine-grained, and flavor mild. 110 days. **Pkt. 15c; oz. $1; ¼lb. $3; lb. $9**

**619 SOUTHPORT WHITE GLOBE.** Attractive in appearance. The flesh when cooked is of a rich, milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three. 110 days.
**Pkt. 15c; oz. $1; ¼lb. $3; lb. $9**

**621 SOUTHPORT YELLOW GLOBE.** The very best strain of yellow onion. The exterior color does not extend to the flesh. 110 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50**

**617 SOUTHPORT RED GLOBE.** The outer skin is a rich purplish red, and the flesh is faintly tinged, with the same color. It is a little stronger than the white and yellow. 110 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50; lb. $7.50**

**627 WHITE PORTUGAL.** No variety yields more delicious scallions or young plants for salad purposes; none is more suited to boiling. 100 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50**

# ONION SETS

**Sets are tiny bulblets grown from seed sown thickly last summer. They should be planted 2 inches deep and 2 inches apart for pulling onions and 4 inches apart for large ones. They will produce green, bunch or pulling onions in four to six weeks—much quicker than from seed. They may be allowed to develop into full-size onions.**

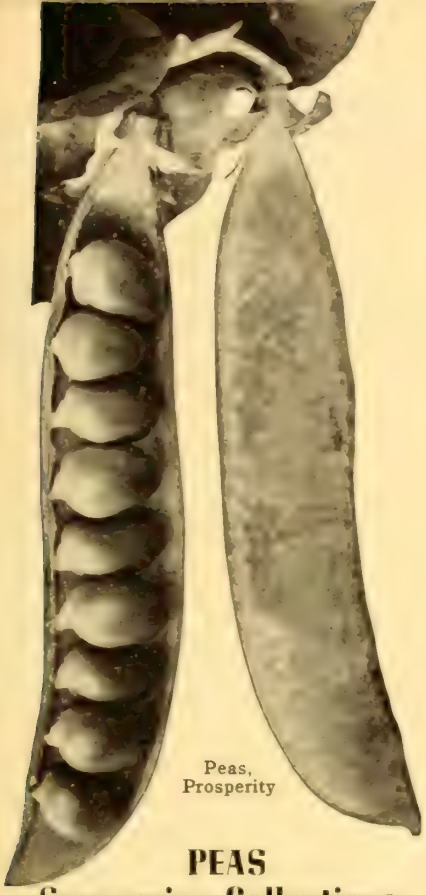
**637 WHITE.** Lb. 55c; 4 lbs. $2.10; 8 lbs. $4

**639 YELLOW.** Lb. 50c; 4 lbs. $1.90; 8 lbs. $3.70

**641 POTATO ONION SETS.** Early and rapid growth; excellent for pulling green. **Lb. 70c**

**643 SHALLOTS.** The small bulb keeps for a year. **Qt. 80c; 4 qts. $3**

**645 GARLIC SETS.** Esteemed in cookery and salads. **Lb. 75c**



Peas, Prosperity

## PEAS
## Succession Collections

### 4 BEST TALL VARIETIES

**Mammoth-Podded Extra Early**
**Prosperity** (Early)
**Thomas Laxton** (Midseason)
**Telephone** (Late)

**199-A. 1 pkt. each of 4 varieties**.....$0 50
(Sows 50 ft. of row)
**199-B. ½lb. each of 4 varieties**..... 1 30
(Sows 100 ft. of row)
**199-C. 1 lb. each of 4 varieties**..... 2 40
(Sows 200 ft. of row)

### 4 BEST DWARF VARIETIES

**Little Marvel** (Extra Early)
**Melting Marrow** (Early)
**Midseason Giant** (Midseason)
**Dwarf Alderman** (Late)

**200-A. 1 pkt. each of 4 varieties**.....$0 50
(Sows 50 ft. of row)
**200-B. ½lb. each of 4 varieties**..... 1 30
(Sows 100 ft. of row)
**200-C. 1 lb. each of 4 varieties**..... 2 40
(Sows 200 ft. of row)

## OKRA or Gumbo

CULTURE: Sow seed after the nights have become quite warm, preferably in light, sandy soil. Gather pods while still young. 1 oz. to 75 ft. of row.

**596 CLEMSON SPINELESS.** Plants reach a height of 3½ to 4 feet. Fruits practically spineless. Quality is excellent. Recommended for home and market gardens. 55 days.

Pkt. 15c; oz. 30c; ¼lb. 90c; lb. $1.75

**597 LONG GREEN.** Plants ranging from 2¼ to 3 feet high produce long, tender pods in abundance. 60 days.

Pkt. 15c; oz. 30c; ¼lb. 90c; lb. $1.75

**595 DWARF PROLIFIC.** Of dwarf, stocky growth, very early and prolific. 55 days.

Pkt. 15c; oz. 30c; ¼lb. 90c; lb. $1.75

# PEAS

CULTURE: The dwarf early peas are sown in rows 2 feet apart, the larger and midseason varieties in rows 3 feet apart and the tall varieties in rows 4 feet apart. The seed should be covered about 2 inches and the plants thinned to 2 inches apart in the row. 2 lbs. for 100 ft. of double drill or 200 ft. of single row.

## Early and Medium Early

### 178 EARLY DELICIOUS

*An Extra-Early, Extra-Hardy and Extra-Fine-Flavored Table Pea*

An extra-early variety of outstanding merit. The vines grow about 2 feet high and produce an enormous crop. The pods are 3 to 3¼ inches long, straight, pointed, dark green, and contain 7 to 8 deep green peas of good quality. 56 days.

Pkt. 20c; ½lb. 45c; lb. 85c; 5 lbs. $3.75; 15 lbs. $10.25

### 177 MAMMOTH-PODDED EXTRA EARLY

The vines are medium heavy, deep green, about 3 feet in height, and produce a good crop. The pods are dark green, about 4 inches long, fairly broad, round, blunt ended, and contain 7 large, medium light green peas. 57 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25

### ★186 PROSPERITY

The vines are 3 feet high; pods are borne singly and freely from top to bottom of the vine and contain from 6 to 10 peas of delicious quality, large and rich in flavor. 60 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25

**160 DWARF EARLY BIRD.** A hardy pea to be planted very early for a first crop. Pods are 4 inches long and packed full of good quality peas. Height 16 inches. 60 days.

½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50

**162 FIRST OF ALL or PEDIGREE EXTRA-EARLY.** Plants are hardy and resistant to wilt. Peas are tender, fine flavored and produced in long, tightly filled pods. Height 30 inches. 60 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75

**★172 LAXTON'S PROGRESS.** The earliest large-podded pea. The vines grow 18 inches tall, are very bushy and very productive. 60 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.57; 15 lbs. $7.50

Peas, Little Marvel

### 171 ★LAXTONIAN

*A Grand Early Marrow Dwarf Pea*

Very vigorous and dependable. The vines grow only 18 inches tall but they are well branched, which accounts for the heavy crops. The large pods are filled to capacity with 6 to 8 large, well-formed peas. 62 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50

### 191 THOMAS LAXTON

An excellent, early wrinkled marrow variety. Pods are medium to large. Produces strong 3-foot vines, which bear heavy crops. 62 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50

### 163 ★FREEZONIAN

The dark green pods average 3½ inches in length. They are well filled with large wrinkled peas of exceptionally high quality. A prodigious cropper. The vines are about 30 inches in length. 63 days.

Pkt. 20c; ½lb. 45c; lb. 80c; 5 lbs. $3.50; 15 lbs. $9.75

### 174 LITTLE MARVEL

This is the most prolific of the early dwarf garden peas. Grows about 18 inches high, and both vine and pod are an extremely dark green color. 64 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50

## Late

### 157 DWARF ALDERMAN

Reaches a height of only 20 inches but is sturdy and bushy. The pods, which are borne in profusion, average 4½ inches long; they are dark green and pointed and invariably contain 7 to 8 large rich green peas of exceptional quality, sweet and delicious. 70 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25

**158 DWARF TELEPHONE.** A robust variety bearing an abundance of pods about 5 inches in length, tightly filled with 8 to 9 dark green, wrinkled peas of the finest quality. 1½ to 2 feet high. 70 days.

Pkt. 15c; ½lb. 40c; lb. 70c; 5 lbs. $3; 15 lbs. $8.25

**★189 TELEPHONE.** The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large peas of delicious quality. Rich in flavor, tender in quality and most attractive in appearance. 72 days.

Pkt. 15c; ½lb. 35c; lb. 65c; 5 lbs. $2.75; 15 lbs. $7.50

### 182 PERFECTION SUGAR

*The Edible-Podded Sugar Pea*

The pods are used as snap beans. They are broad, brittle, without strings and delicious in flavor. Height 5 feet. 80 days.

Pkt. 15c; ½lb. 40c; lb. 70c

**★Recommended for Quick Freezing**

Parsley, Evergreen

## 654 EVERGREEN

A large, dense variety, spreading and very dark green. Leaves are tightly curled and very attractive. As Evergreen is resistant to cold, it can be grown later in the fall. Vigorous and rapid growing—ideal for the small garden or for market. 70 days.

**Pkt. 15c; oz. 45c; ¼lb. $1.25; lb. $3.50**

Parsnips, Hollow Crown

# PARSLEY

**CULTURE: The germination of parsley seed is very slow, taking about three to four weeks. Sow seed in rows 1 foot apart, covering seed ½ inch. Thin out the plants to stand 2 inches apart.**

**651 CHAMPION MOSS CURLED.** A particularly beautiful type, a bed of which looks like fine moss. 70 days.

**Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $2.50**

## 653 EMERALD

A distinct variety of robust growth, freely furnished with short-stemmed leaves, very finely cut and most beautifully curled. A compact and extremely graceful plant. Most varieties of parsley are dark green, but this is brilliant emerald-green in color. 70 days.

**Pkt. 15c; oz. 40c; ¼lb. $1; lb. $2.75**

**662 PARAMOUNT.** The plant is dwarf and compact and can be used to make an attractive border. The leaves are deeply curled and an unusually rich shade of dark green. Fine for garnishing. 70 days.

**Pkt. 15c; oz. 40c; ¼lb. $1; lb. $2.75**

**659 HAMBURG or Turnip Rooted.** The fleshy roots resemble small parsnips. Used for flavoring soups, stews, etc. 90 days.

**Pkt. 10c; oz. 30c; ¼lb. 90c; lb. $2.50**

**661 PLAIN or ITALIAN.** The leaves are not curled. 70 days.

**Pkt. 10c; oz. 30c; ¼lb. 90c; lb. $2.50**

# PARSNIP

**CULTURE: Sow seed in rows 2 feet apart as soon as ground is in condition in spring. Cover seed ½ inch.**

## 664 ALL AMERICAN

This newer variety is in great demand in many localities because of its white, smooth appearance. The roots are somewhat more slender than Hollow Crown and exceptionally free from side roots. 100 days.

**Pkt. 15c; oz. 40c; ¼lb. $1.20; lb. $3.25**

## 667 HOLLOW CROWN

Our selection of this highly esteemed variety is surely the best for the private garden. A shapely, heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root. For winter use lay the roots horizontally in small boxes packed with ordinary garden soil and store them in some convenient place outdoors, away from snow or rain. Frost improves their quality. 100 days.

**Pkt. 15c; oz. 35c; ¼lb. $1; lb. $3**

# PEPPER

**CULTURE: Seed should be started indoors or in a hotbed so that the plants are well started for setting outside when the ground is warm after danger of frost. ¼ oz. to 50 ft. of row.**

## ★676 CALIFORNIA WONDER

Fruits often weigh ½ to 1 pound each, and there is no doubt that this is the meatiest pepper ever introduced. The flavor is so mild, delicious and free from pungency that it may be eaten just like an apple. Ready in 72 days from plant setting.

**Pkt. 25c; oz. $1.50; ¼lb. $4.50**

## 679 GOLDEN CALIFORNIA WONDER

The large green fruits are ready for use in 72 days from the time the plants are set out. They are commonly 4½ inches long and 4 inches through. They are thus of the good blocky shape that is so desirable for stuffing or any other culinary purpose. Slices of the ripened fruits with their delightful golden yellow color make an attractive addition to the salad bowl. **Pkt. 35c; 3 pkts. $1**

**684 KING OF THE NORTH.** The fruits are of much the same shape as Ruby King, but the flesh is thicker and exceptionally sweet. The fruits are dark green, turning to an attractive, deep scarlet color as they ripen. 60 days.

**Pkt. 15c; oz. $1.25; ¼lb. $3.50**

**688 PERFECTION or PIMIENTO.** Very productive. The peppers, when ripe, are a beautiful scarlet color and hold more edible meat than any other sweet variety. It is much sought after for pickles, cutting up in salads and for flavoring. 75 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

**690 EARLY WONDER.** The fruits are somewhat smaller than California Wonder, but they have the fine meaty quality of that variety. 63 days. **Pkt. 25c; oz. $1.25; ¼lb. $3.50**

**693 RUBY KING.** The slightly tapering sweet fruits are 4½ to 5 inches long and 2½ inches through, deep green turning to bright red. Used for slicing and for pickles. 65 days.

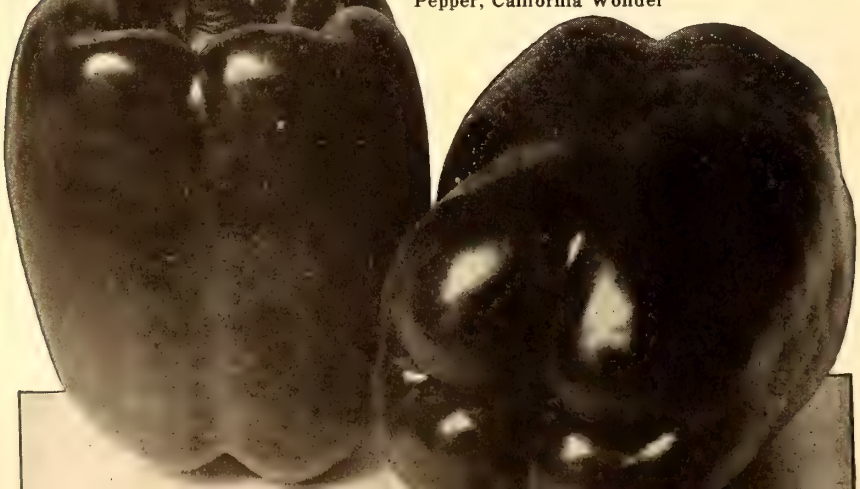
**Pkt. 15c; oz. $1.25; ¼lb. $3.50**

**697 WORLD BEATER.** Dark green, changing to a very brilliant scarlet when ripe. 65 days. **Pkt. 15c; oz. $1.25; ¼lb. $3.50**

**682 HUNGARIAN WAX (Hot).** Fruits 6 to 7 inches long, about 1½ inches at the crown, tapering to a hooked point. Waxy pale yellow, turning to orange and then to bright red at maturity. 62 days. **Pkt. 25c; oz. $1.25**

**685 LONG RED CAYENNE (Hot)** Scarlet pungent pods, used for pickling when green and when ripe. 70 days.

**Pkt. 15c; oz. 85c; ¼lb. $2.50**



Pepper, California Wonder

**RED BARN BRAND GENERAL GARDEN FERTILIZER.** Over 30 lbs. of natural organic materials in each 100 lbs. For vegetables, flowers and fruit. Recommended strongly as the best for all-round work in the garden. Use it at the rate of 1000 pounds to the acre when preparing land for planting in the spring. Good practice, too, is to spread General Garden Fertilizer between the rows of plants when they are growing and then to hoe it into the soil; use about 3 pounds per 100 feet for this, repeating every month. **5 lbs. 65c; 25 lbs. $2.25; 100 lbs. $6; 500 lbs. $25; ton $80.**

# POTATOES

## IRISH COBBLER

A fine early variety, producing large, handsome tubers, uniform in shape and size. The demand for it is greatly increasing, as it does well under most soil conditions. It also keeps fairly well. The flesh is white and of excellent quality; the skin very light brown, with whitish netting. A heavy cropper.

15 lbs. $2; 25 lbs. $3; 50 lbs. $4.50; 100 lbs. $8

**KATAHDIN.** Oval shape; white skin and white flesh with a shallow eye. A medium early type, preferred for potato chips.

15 lbs. $2; 25 lbs. $3; 50 lbs. $4.50; 100 lbs. $8

## GREEN MOUNTAIN

Seems to thrive in all soils and in all localities. Heavy, healthy vines, yielding big crops of large, smooth, white-skinned tubers of handsome flattish oval form. It cooks white, dry and mealy. Keeps well.

15 lbs. $2; 25 lbs. $3; 50 lbs. $4.50; 100 lbs. $8

**SEBAGO.** Medium sized and medium early. White skin; smooth, shallow-eyed, round tuber. Blight resistant and a good cropper. Keeps well when stored for winter use.

15 lbs. $2.25; 25 lbs. $3.25; 50 lbs. $5; 100 lbs. $9

# PUMPKIN

CULTURE: Sow late in May in the latitude of New York, in very rich soil. Cover the seed 1 inch. When grown alone, the hills should be 8 feet apart each way. 1 oz. for 30 hills

## 703 LARGE CHEESE

Flat and round. The skin is creamy yellow in color, and the flesh is deep orange, of fine quality and very tender. A splendid keeping variety.

Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25

## 705 CONNECTICUT FIELD

A productive reddish orange field pumpkin; the inside flesh is orange-yellow. It is solid, fine-grained and slightly ribbed. This variety is grown extensively for canning purposes.

Pkt. 10c; oz. 25c; ¼lb. 65c; lb. $2

**708 KING OF THE MAMMOTHS.** The variety grown for greatest size, fruits frequently weighing 60 pounds and often over 100 pounds. Reddish yellow fruit with thick, bright yellow flesh. 120 days.

Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.35

**709 SUGAR.** Productive small pumpkin. 10 to 12 inches in diameter, round-flattened. Skin orange; flesh deep yellow, fine grained and very sweet.

Pkt. 10c; oz. 25c; ¼lb. 65c; lb. $2

**711 WINTER LUXURY.** A superior pie pumpkin, small but enormously productive and an excellent keeper. Slightly oval, about 10 inches in diameter; color golden russet.

Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2.25

Pumpkin, Connecticut Field

Potato, Irish Cobbler

**RED RIVER POTATO MIX.** *A Special Formula for Potatoes.* A scientific development combining a newly processed copper fungicide with a quicker-killing arsenic. Kills potato bugs quicker; drives off flea beetle and leafhopper; prevents blight from gaining a foothold and stimulates foliage. Complete control in one operation—at one cost. Use as a dust or spray. Full directions accompany each package. Lb. 70c; 4 lbs. $2.25. Postpaid.

# RADISH

CULTURE: Radishes thrive best in a sandy, loamy soil. To have a continuous supply for the table, sow as early in the spring as possible and at intervals of ten days thereafter. Where the summers are very hot, sow until May 15 and then omit until August. Then make three sowings at intervals during that month. Radishes are fit for the table in 25 to 40 days from sowing in the open ground. For extra early crop sow seed in hotbed in February. 1 oz. for 100 ft. of row.

## 725 CHERRY-BELLE

See color, page 45

*As Round and Red as a Cherry*

All CHERRY-BELLE is just as good to eat as it is to look at, for the flesh is delightfully crisp and firm. It has an extreme resistance to pithiness and thus retains its prime condition much longer than the general run of radishes. The tops are exceptionally short and gray-green in color. 23 days.

Pkt. 15c; oz. 45c; ¼lb. $1.35

**730 FRENCH BREAKFAST.** This is a favorite oval-shaped bright scarlet radish with white tip. It is extremely attractive and very early. 25 days.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

**722 CRIMSON GIANT.** Grows to 5 and often 6 inches in circumference, weighing up to 1 ounce. The flesh remains sparkling white, solid, crisp and juicy and it is of the mildest flavor. 29 days.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

## 756 SCARLET GLOBE

One of the most attractive radishes grown. The roots are a little longer than round and the skin intense scarlet in color, with tiny thread-like roots. It is very early, globe-shaped, and has very small tops. 23 days.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

**757 SPARKLER.** Brilliant scarlet with a very pronounced white tip. It wins by appearance alone. But to this must also be added its sparkling white, solid, crisp flesh and mild sweet flavor. 25 days.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

**728 WHITE-TIPPED SCARLET TURNIP.** The flesh is crisp, white, tender, and extremely mild. 25 days.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

**734 ICICLE.** The leading long white radish, and one of the earliest. Tender, juicy and of agreeable snappy flavor. Reaches a length of 6 inches.

Pkt. 10c; oz. 30c; ¼lb. 85c; lb. $1.85

Radish, Scarlet Globe

Spinach, Long Season

# RHUBARB

CULTURE: Sow in April in drills a foot apart, covering the seed ¾inch, thinning out to about 10 to 12 inches apart in rows. 1 oz. to 500 ft.

★**770 ST. MARTIN'S.** Much esteemed wherever grown. The stalks are large and red, and exceedingly juicy, rich and spicy.
**Pkt. 20c; oz. 60c; ¼lb. $1.75**

# SALSIFY or Oyster Plant

Culture same as for parsnip

**780 MAMMOTH SANDWICH ISLAND.** Its peculiar oyster-like flavor is most apparent when sliced and fried; it may also be served and eaten as asparagus. One of the best remedies for various forms of indigestion. 150 days.
**Pkt. 15c; oz. 70c; ¼lb. $2**

# SORREL

**796 NARROW LEAVED.** Large, pale green leaves of mild, acid flavor esteemed as salad, cooked as greens, etc. 60 days.
**Pkt. 15c; oz. $1**

# SWISS CHARD

CULTURE: Sow the seed in April or May in drills 18 inches apart and thin the plants to stand 6 inches apart in the rows. 1 oz. to 75 ft. of drill.

**234 LUCULLUS.** Leaves closely crumpled, similar to a savoy cabbage. It is very tasty and palatable. Much sought after by those who prefer the rib of the leaf. 55 days.
**Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50**

**233 FORDHOOK GIANT.** The leaves are rich dark green, very large, curled or savoyed of thick texture and quite tender, making excellent boiling greens. The white stems or midribs make a fine dish prepared like asparagus. 55 days.
**Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50**

**235 GREEN PLUME.** Much darker green than any other variety and also much more tender. The midribs, too, are tender, white and attractive. 55 days.
**Pkt. 15c; oz. 35c; ¼lb. 90c; lb. $2.50**

# SPINACH

CULTURE: The tendency for plants to bolt or send up flower stalks may be avoided by planting varieties bred to diminish this tendency—and by planting early. Seeds should be sown ½inch deep in April, with 15 inches between rows. Later plants are thinned to 3 inches apart. For fall use, sow in late summer. Rich soil is best. ½oz. to 50 ft. of row.

## 802 LONG SEASON

*The Best for Sowing in Spring and Summer for a Successional Supply*

The plant is small, with rich, lustrous green leaves. These are short, broad, very thick, and of so great substance that it loses bulk in cooking less than any other sort. The flavor is unequaled. 50 days.
**Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $1.85**

**805 LONG-STANDING SAVOY.** Stands heat much longer than most varieties before running to seed. This is a great advantage. 45 days.
**Pkt. 10c; oz. 30c; ¼lb. 80c; lb. $1.65**

★**799 BLOOMSDALE SAVOY-LEAVED.** A very popular variety to sow for late fall cutting. It is quick growing and a heavy cropper, producing large, fleshy, dark green leaves which are deeply crumpled or savoyed. 40 days.
**Pkt. 10c; oz. 30c; ¼lb. 80c; lb. $1.65**

★**813 SUMMER SAVOY.** Produces a satisfactory crop in the early summer when other varieties immediately run to seed. The plants are large, with rich, exceptionally dark green leaves. 48 days.
**Pkt. 15c; oz. 35c; ¼lb. 95c; lb. $1.85**

## 806 NEW ZEALAND

*The Cut and Come Again Spinach. Yields Continuously from Early Summer to Late Fall*

During the hot summer months, when ordinary spinach bolts and goes to seed, New Zealand is at its best. It thrives on almost any soil and withstands drought wonderfully well.

The plant is bushy in form and produces quantities of succulent, rich green leaves of a delightful flavor. As the tops are cut off, side shoots develop and in a few days another crop may be cut.

For an early crop, start the seed indoors during March and transplant the seedlings to the open ground after danger from frost. 60 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.10; lb. $3.25**

**807 PERPETUAL.** That this new plant can without any stretch of the imagination be called Perpetual is due to the fact that it is in reality a form of swiss chard. Perpetual spinach, however, is entirely without the somewhat bitter flavor of swiss chard, and tastes like a good variety of spinach. 47 days.
**Pkt. 15c; oz. 45c; ¼lb. $1; lb. $3**

# SQUASH

CULTURE: To be planted after May 15. Bush varieties are sown in hills 4 feet apart, trailing types in hills 6 to 8 feet apart. Six seeds are sown to a hill and the seedlings thinned to three. A packet will plant 6 to 8 hills.

## Summer Varieties

### 835 CASERTA

Mature fruits are 18 inches long by 5 inches wide, but they have the finest table quality when 6 to 7 inches long. The skin is a light glossy green with broken stripes of darker green. 55 days. **Pkt. 25c**

### 829 EARLY PROLIFIC STRAIGHTNECK

Outstanding for earliness, heavy yield, and uniformity in size and shape of fruits. Fruits are smoother and lighter yellow than the Giant type. 50 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.10**

**846 BLACK ZUCCHINI.** The color is so dark green that it gives the appearance of black. The mature fruits measure 12 to 15 inches long, 4 to 5 inches in diameter. 65 days. **Pkt. 15c; oz. 35c; ¼lb. $1**

**821 COCOZELLE or Italian Vegetable Marrow.** Smooth dark green fruits which when mature become marbled with yellow. Fruits are best when 6 to 8 inches long. 65 days. **Pkt. 15c; oz. 35c; ¼lb. $1**

**842 WHITE BUSH SCALLOPED.** The white Patty Pan or Cymling. Creamy white skin, fine quality, free cropper. 50 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10**

**844 YELLOW BUSH Summer Crookneck.** A bush variety, early and prolific. 55 days. **Pkt. 15c; oz. 40c; ¼lb. $1.10**

## Autumn and Winter Varieties

### 837 U-CONN

A bush squash with fruit similar to Acorn. Lighter green shell and thicker flesh of fine texture and flavor. A very good keeper. **Pkt. 25c**

### 833 BUTTERNUT

The fruits are about 12 inches long, enlarged at the blossom end. The neck section is about 3½ inches in diameter, with solid flesh. The skin or shell is smooth and hard, and the flesh is deep yellow, fine textured, dry, sweet and of excellent flavor. 95 days.
**Pkt. 15c; oz. 85c; ¼lb. $2.50**

**818 ACORN or Table Queen.** A very dark green squash about 6 or 7 inches long and 4 inches in diameter. 60 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.20**

**824 BUTTERCUP.** Skin dark green with an occasional narrow stripe of silvery white. The blossom end is marked with a prominent "button." The flesh is yellow, exceptionally thick, dry, sweet, and free from stringiness. 100 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.20**

**830 HUBBARD.** Very productive, yielding large, heavy squashes of dark bluish green. An excellent keeper. 105 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.20**

**832 LARGE WARTED HUBBARD.** Heavy warts indicate a hard shell, and the harder the shell the better the squash will keep. 105 days.
**Pkt. 15c; oz. 40c; ¼lb. $1.20**

# WORLD-FAMOUS TOMATOES

## *Famous for Quality—Famous for the Home Garden—Famous as Prize Winners in Exhibition Halls Throughout the Country*

*A Henderson Introduction* 903 **RICHMEAT** *Almost Seedless Practically Coreless*

### The Largest and Best Flavored Scarlet Tomato

Richmeat and Winsall are shown in colors on page 46

Unparalleled in the history of tomato breeding—Richmeat now stands supreme as the world's quality tomato, as well as the largest and meatiest. Among its remarkable characteristics are the vigor of its growth and its drought-resisting qualities, the latter fact having been fully proved by its behavior in drought-stricken sections of the country during that unforgettable summer of 1934 when Richmeat continued producing luscious fruits after all other varieties had withered away.

The fruits are rich scarlet in color, very large and meaty; weights up to 3 pounds are not unusual. They are round-oval, slightly flattened in shape. It is a very shy seeder, as no distinct seed cells are produced, but on the contrary it develops a solid mass of rich, firm pulp. Its flavor is deliciously sweet and free from acidity.

When setting out plants of Richmeat, it is recommended to space them farther apart than ordinary varieties, on account of its vigorous habit; also the yield and size of the fruits will be increased if some of the superfluous foliage is pruned away.

Richmeat is a main-crop variety, and its bearing season covers a long period. First fruits are ready in about 85 days from the setting out of the plants.

Pkt. 25c; 5 pkts. $1

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*Henderson's Prize Tomato* 915 **WINSALL** *Winsall Wins Everywhere*

*Shown in colors on page 46*

The outstanding merits of **Winsall tomato** are its remarkably vigorous and disease-resistant growth, its uniformly round form, its large size, and the delicious flavor of its firm flesh.

**Winsall** is about the same season as Ponderosa in maturing its first fruits, but its second fruits seem to ripen more rapidly than those of Ponderosa. The coloring is indeed perfection, the bright pinkish red extending close up to the stem ends.

**Winsall** is very meaty, the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds. It is far more uniform in both size and conformation than the popular Ponderosa and eclipses it in productivity.

Picked just before the stem end is entirely red, and spread on a low table, **stem-end down,** in a cool basement, it ripens in a day or two to as near perfection as could possibly be.

**Winsall tomato is very vigorous in growth. Therefore it is necessary to prune away some of the superfluous foliage to admit light and air to the flowers and assist pollenization. A dense mass of leaves and vines overshadowing the blossoms will cause them to fall and fail to produce fruit. 85 days.**

Pkt. 25c; 5 pkts. $1; ½oz. $2; oz. $3.50

### 889 GOLDEN PONDEROSA

Equal in every respect to its parent, the red Ponderosa, possessing all the qualities that have made our Ponderosa a household word throughout the land, and, in addition, has the striking color which compels instant attention. It originated as a sport from red Ponderosa and comes remarkably true, but some parti-colored fruits may be expected.

For salad purposes it presents an attractive and inviting appearance. 85 days.

Pkt. 25c; 5 pkts. $1; ½oz. $1.50; oz. $2.50

### 900 PONDEROSA

The large, purplish pink fruits are full of luscious juicy flesh. The seed cavities are small, to make the fruits solid and meaty. They are flattened globe in shape and excellent for slicing. The flesh is particularly mild and sweet. 85 days.

Pkt. 15c; oz. $2; ¼lb. $6

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Our pamphlet on Tomato Culture sent on request with orders

Squash, Early Prolific Straightneck

Squash, Butternut

Tomato. Ponderosa

# TOMATO

## Popular Varieties

CULTURE: Seed should be sown from the second week of February to the end of April, in flats or hotbed. Two-inch plants should be thinned or transplanted 4 inches apart to prevent crowding that will induce spindly growth. About mid-May, seedlings may be set outside, 3 feet apart. Use of cutworm guards is recommended for protection when the plants are set. Seed may be sown in May for a late crop. A strong support will be required, as the plants start growing vigorously. ½oz. of seed produces about 500 plants. Days to maturity are determined from time seedlings are set out.

### 876 BEEFHEART

The color is brilliant scarlet and the skin so smooth as to give the fruits a polished appearance. The solidity and weight of this variety are derived not from a thick-fleshed outer wall and tough skin, but, as in our famous Ponderosa, the seed cavities have given way to a solid mass of meaty, succulent flesh, so that the fruit is practically seedless. The plant is vigorous and bears large crops. 85 days.

**Pkt. 25c; 5 pkts. $1**

**877 BONNY BEST.** Almost as early as Earliana. A larger tomato, and a heavier cropper. The fruits are deep scarlet in color, very smooth, perfectly round, solid and meaty. 72 days.

**Pkt. 15c; oz. $1.25; ¼lb. $3.75**

### 881 BEEFSTEAK or CRIMSON CUSHION

A very large tomato, flattish round and brilliant scarlet-crimson. The flesh is of superb quality. 90 days.

**Pkt. 25c; 3 pkts. 60c; oz. $1.35; ¼lb. $4**

**885 EARLIANA.** A very early, medium-size tomato averaging 3 inches across and 2½ inches deep. The fruit is solid, with few seeds, and deep scarlet-red. 64 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

### 888 THE FRUIT

Practically free from acidity and seeds, it makes a most delicious and appetizing morsel, whether eaten raw between meals, as a dessert, or prepared in any of the standard methods. Vigorous in growth, disease resistant, bearing great clusters of sweet, luscious, beautifully formed, deep pink tomatoes. 75 days.

**Pkt. 25c; 5 pkts. $1; ½oz. $2; oz. $3.50**

**890 SOUTHLAND.** Not only considerably resistant to blight but also nearly immune to fusarium wilt and considerably resistant to blossom-end rot. The fruits are a good bright red, with well-colored flesh; meaty, of good size, and flattened globe in shape. The plants are vigorous, heavy yielders, hardy and dependable in every way. Developed by the U.S.D.A. Vegetable Breeding Laboratory, Charleston, S. C. 73 days.

**Pkt. 25c**

**6099 TOMATO DUST.** A fungicide with emphasis on better tomato production. Controls both early and late blight.

**1-lb. container, 55c; 4-lb. bags, $1.35**

Tomato, Marglobe

### 894 MARGLOBE

*Resists Rust and Wilt*

Almost round, large, bright red. One of the most productive tomatoes in cultivation. Early and continues bearing over a long period. It possesses a delicious flavor, is attractive and immune to wilt. 75 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

### 901 RUTGERS

*Produces an Abundance of Beautiful Uniform Fruits. Ideal for the Home Garden, Market and Canning.*

An outstanding variety developed by the New Jersey Agriculture Experiment Station. Sturdy plants with thick stems and an abundance of foliage that protects the fruits from sun-scald. The large, round fruits resemble those of Marglobe but ripen earlier and are of a bright scarlet color. Rutgers has firm flesh which is red throughout and, therefore, an ideal sort for canning and juice. 73 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

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*"TOMATOES; HOW TO GROW THEM"*

**gives the latest and most advanced methods for the production of fancy fruit in your own garden. This pamphlet sent on request with orders.**

**906 STONE.** One of the popular main-crop varieties. The plant is a strong grower and is very prolific. Large, smooth fruits almost round in shape, very deep and slightly flattened at base and top. 85 days.

**Pkt. 15c; oz. $1; ¼lb. $3**

**913 WISCONSIN NO. 55.** The large fruits are a rich scarlet-red in color, meaty, and of excellent flavor and quality. The vine growth is luxuriant although open, for moderate shading. It is tolerant to early blight and has shown wide adaptability to soil and climate. We have found that it produces surprisingly large crops when unfavorable conditions have checked most other varieties. 73 days.

**Pkt. 25c; 5 pkts. $1**

## Tempting Salad Tomatoes

### 882 CRYSTAL WHITE

This novelty white tomato has the size and substance of a red Ponderosa but the flesh and outer skin are frosty alabaster-white. It makes an attractive addition to any salad. The firm, solid flesh is excellent for slicing. The plants grow tall and vigorous and produce large crops. 85 days.

**Pkt. 25c; 5 pkts. $1**

### 891 JUBILEE

*The Best Golden Orange Tomato*

Vigorous and productive, bearing globe-shaped fruit of beautiful golden orange color. The fruit resembles Marglobe in shape and weighs about 6 ounces each. Excellent for salads or juices, due to low acidity and few seeds. 72 days.

**Pkt. 20c; ½oz. $1; oz. $1.75**

### 892 POMODORO, ITALIAN LARGE RED PLUM

A beautiful bright red, plum-shaped tomato. One of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good-sized plum and are borne in clusters of six or more. 75 days.

**Pkt. 25c; 5 pkts. $1**

**902 RED CHERRY.** Bears clusters of tiny bright red fruits. 75 days. **Pkt. 15c; oz. $1.25**

**908 STRAWBERRY, Winter Cherry or Husk Tomato.** Low spreading plants, yellow fruits ½inch in diameter, surrounded by a husk. Used for preserving. 85 days. **Pkt. 25c; oz. $1.50**

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**6111 TOMATO-FIX.** Simply spray tomato blossoms with Tomato-Fix and like magic nearly every blossom produces a large tomato, many of them seedless. Grow more and meatier tomatoes than you ever believed possible with Tomato-Fix.

**100 tablets, $1.00. (25 qts. spray)**

Tomato, Pomodoro

Turnip, Purple Top White Globe

# TURNIP

CULTURE: For an early crop, turnips should be planted ½ inch deep, in rows 15 inches apart, as soon as the ground opens in spring. Seedlings are thinned to 3 inches. Successive plantings may be made from mid-June until mid-July. ½oz. will plant about 75 ft. of row.

**922 EARLY WHITE MILAN.** An extra-early variety of rapid growth, with entirely white roots and very small leaves. 40 days.
Pkt. 15c; oz. 30c; ¼lb. 80c; lb. $2

**927 LARGE WHITE GLOBE.** A large white globe-shaped variety. Tops large, cut leaved; roots large, globular, 4 to 5 inches in diameter or greater, entirely white. Flesh white, firm, moderately coarse in texture. 75 days.
Pkt. 10c; oz. 25c; ¼lb. 60c; lb. $1.75

**★930 PURPLE TOP WHITE GLOBE.** A large, globe-shaped variety. The upper surface is reddish purple, the lower part white. It has a small, smooth root and medium-sized tops. The flesh is pure white, crisp, very fine. One of the best sorts to store for winter. Recommended for fall crop. 55 days.
Pkt. 10c; oz. 35c; ¼lb. 90c; lb. $2

*TURNIP, continued*

**926 GOLDEN BALL.** A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. 60 days.
Pkt. 10c; oz. 25c; ¼lb. 60c; lb. $1.75

# RUTABAGA

## Swede or Russian Turnip

**950 IMPROVED LONG ISLAND.** Bred from American Purple Top, over which it is a great improvement. It is much larger, has no neck, and is a remarkably good keeper. The flesh is rich yellow and of fine quality. 100 days.
Pkt. 10c; oz. 30c; ¼lb. 75c; lb. $1.75

# WATERMELON

CULTURE: Watermelons are as easily grown as pumpkin or squash and are recommended for the home garden when there is room. After mid-May seed should be sown 8 seeds to a hill—the hills 8 feet apart. Seedlings should be thinned to three in each hill.

### 567 COLE'S EARLY

Good in every respect, producing a liberal crop of melons 12 inches long and 9 inches in diameter, of delicious quality. The deep red, fine-grained flesh ripens from heart to rind, while its rich color and luscious flavor satisfies the most exacting taste. 80 days.
Pkt. 15c; oz. 35c; ¼lb. 85c; lb. $2.25

**574 EARLISWEET.** Of recent introduction. We recommend this watermelon for northerly latitudes; it matures in 75 to 78 days. The fruit is of medium size, nearly round, weighing approximately 10 pounds, and of good quality. The rind is grayish green with fine green veining. Flesh bright red.
Pkt. 15c; oz. 40c; ¼lb. $1

# New Water Melon

584
New Hampshire Midget

*above*
New Hampshire Midget Watermelon served at the famous New York Stork Club.

*← left*
Old - fashioned Melon—Good but bulky. "Copyright LOOK Magazine."

**All-America 1950 Gold Medal Winner.**

*No bigger than a cantaloupe—juicy, red, delicious.*

This new watermelon has been scaled down to the small American family and the home-size refrigerator. It weighs no more than 6 pounds and measures about 6 inches across. The melons are ready for picking in 65 days from seed sowing time. This new midget watermelon is a perfect miniature of large melons. The flesh is just as red and juicy. The rind is very thin in gray-green stripes. Plants are remarkably productive and yield a melon every 6 inches along the vine.
Pkt. 25c; 3 pkts. 65c

# HERB SEEDS—Sweet, Pot, and Medicinal

FOR HERB PLANTS SEE PAGE 81

**951 Anise.** Flavoring. 16 inches. Pkt. 25c; oz. $1
**955 Basil, Sweet.** Flavoring. 1½ feet. Pkt. 25c; oz. $1
**956 Basil, Lettuce-leaved.** Flavoring. 1½ feet. Pkt. 25c; oz. $1.25
**958 Bene. Sesame.** Medicinal and culinary. 18 inches. Pkt. 15c; oz. 50c
**957 Borage.** (A) Flavoring. 18 inches. Pkt. 25c; oz. $1
**959 Caraway.** (A) Flavoring. 18 inches. Pkt. 25c; oz. 80c
**951 Catnip.** (P) Grown for cats Pkt. 25c; oz. $1.50
**369 Chives.** (P) Flavoring. Pkt. 25c; oz. $2
**953 Coriander.** (A) Dried seed pleasantly scented. 2½ feet. Pkt. 25c; oz. $1
**955 Dill.** (A) Used in dill pickles. 2½ feet. Pkt. 10c; oz. 25c; ¼lb. 75c; lb. $2
**967 Fennel, Florence** or **Finocchio.** Culinary and medicinal. 2 feet. Pkt. 15c; oz. 50c; ¼lb. $1.50
**969 Fennel, Sweet.** Culinary and medicinal. Pkt. 15c; oz. 60c
**973 Horehound.** (P) Tea and flavoring. 18 inches. Pkt. 25c; oz. $1.50
**975 Hyssop.** (P) Medicinal. Pkt. 20c; oz. $1
**977 Lavender.** (P) Sachets, perfumes, soaps and potpourri. Pkt. 25c; 5 pkts. $1; oz. $3.50
**979 Marjoram, Sweet** or **Knotted.** (P) Medicinal. Pkt. 25c; oz. $2
**983 Rosemary.** (P) Perfumery and flavoring Pkt. 25c; oz. $3.50
**987 Sage, Common.** (P) Flavoring. Pkt. 25c; oz. $1.50
**989 Savory, Summer.** (A) Culinary. 18 inches Pkt. 25c; oz. $1
**993 Thyme, Common.** (P) Flavoring. Pkt. 25c; oz. $2.50
**982 Mother of Thyme.** (P) Culinary Pkt. 50c; 3 pkts. $1.25
**997 Wormwood, Common.** (P) Flavoring for cordials. Pkt. 25c; oz. $2.50

The "Henderson Garden Guide and Record" contains much information on culture and use of herbs. No charge on request with orders of $4 or over.

Dill | Thyme | Horehound | Anise | Lavandula | Sweet Marjoram | Fennel

# *Agricultural Seeds*

## HAY AND PERMANENT PASTURE

It has been fully demonstrated by the careful trials conducted by the Agricultural Experiment Stations in various parts of the country that good pasturage and good hay crops can be best secured by sowing grass seeds in mixtures.

The following formulas are made up of native and acclimated foreign grasses thoroughly blended and improved upon during trials under widely varied conditions, soils and localities for a period of years until practically perfect. Our aim is to produce, under the extremes of the American climate, a permanent, dense and deep-rooting turf that will yield year after year the maximum quantity of foliage. These grasses are of superior quality, inviting, sweet and nourishing.

**FORMULA NO. 1.** Grasses only. The best to use for pasture and hay. Use 45 lbs. per acre. **Lb. 85c; 10 lbs. $7.50; 100 lbs. $60**

**FORMULA NO. 2.** Grasses and clovers for pasture and hay, to produce good pasturage and heavy yields of highly nutritious hay. Use 40 pounds of seed to the acre.
**Lb. 95c; 10 lbs. $8.50; 100 lbs. $70**

**FORMULA NO. 3.** Clovers only. Produces a very rich pasture. Planting should be at the rate of 15 pounds to the acre.
**Lb. $1.10; 10 lbs. $10; 100 lbs. $85**

**FORMULA NO. 4.** For hay and pasture. Consists of timothy, redtop and clover only. Sow 30 pounds to the acre.
**Lb. 70c; 10 lbs. $5.75; 100 lbs. $42.50**

When ordering these formulas, kindly state whether your soil is loamy, bottom-land, shaded orchard or poor, including hillside.

**All grass seeds and mixtures are delivered prepaid within Parcel Post Zone 4. See page 106**

## CLOVER AND ALFALFA

**Seed of maximum purity and highest germination**

**Prices are F.O.B. Stores. See page 106 for Parcel Post rates.**

**ALSIKE or SWEDISH CLOVER.** A hardy clover usually sown in mixtures. If used alone, sow 10 pounds to the acre.
**Lb. $1; 10 lbs. $9; 100 lbs. $80**

**CRIMSON CLOVER.** For early spring pasture or for hay. Sow 20 pounds to the acre from June to October.
**Lb. 75c; 10 lbs. $6.50; 100 lbs. $50**

**LADINO CLOVER.** A giant white clover excellent for pastures. Especially satisfactory for moist soils but also recommended for shallow or heavy soil. **Lb. $3; 10 lbs. $28.50**

**MEDIUM RED CLOVER.** American seed. The hay crop is cut when plants are in blossom, a second crop in late summer. Seed may be sown in spring or fall at the rate of 15 pounds to the acre when used alone. **Lb. 95c; 10 lbs. $8.50; 100 lbs. $75**

**MAMMOTH RED CLOVER.** American seed. Larger than Medium Red but sown at the same rate.
**Lb. 95c; 10 lbs. $8.50; 100 lbs. $75**

**KENLAND RED CLOVER.** A clover grown in the South, especially where anthracnose disease is prevalent and serious. Tests show that crops stand longer than other strains and are heavier even in the Middle Atlantic States, where it seldom freezes out. Sow 15 pounds to the acre.
**Lb. $1.25; 10 lbs. $11.50; 100 lbs. $100**

**WHITE CLOVER.** Used in mixtures for pastures or lawns.
**¼lb. 60c; lb. $1.50; 10 lbs. $13.50; 25 lbs. $30.**

**WILD WHITE CLOVER.** More permanent and spreading. Thrives on soils too poor for other clovers. Inclusion of 1 pound per acre in a seed mixture is recommended to increase the yield of hay. **¼lb. 85c; lb. $2.50; 10 lbs. $22.50; 25 lbs. $50**

**WHITE SWEET CLOVER.** Fair fodder when young and excellent as a crop to turn under. A bee plant growing to 6 feet. Sow 15 pounds to the acre. **Lb. 65c; 10 lbs. $5; 100 lbs. $40**

**ALFALFA or LUCERNE.** Northern-grown, cold-resistant American seed. Deep roots resist drought. Planted at the rate of 15 pounds to the acre in drills or 25 pounds broadcast.
**Lb. $1.35; 10 lbs. $11.50; 100 lbs. $95**

**RANGER ALFALFA.** (Domestic.) A valuable type of alfalfa in sections where bacterial wilt is a factor, as in the northern part of the United States. It is also cold resistant and produces an abundance of forage. Recommended by the Eastern Experiment Stations. Broadcast 20 to 25 pounds to the acre.
**Lb. $1.60; 10 lbs. $14; 100 lbs. $125**

**GRIMM ALFALFA.** Hardier, larger and more tolerant to unfavorable soils than regular alfalfa. Sow 15 pounds to the acre in drills or 20 pounds broadcast.
**Lb. $1.45; 10 lbs. $12.50; 100 lbs. $105**

**BIRDSFOOT TREFOIL.** *Lotus corniculatus.* Highly productive dwarf perennial legume, deep rooting and drought resistant. Palatable to stock and valuable as a bottom ingredient for pastures. It may be added to grass seed for slopes.
**Lb. $2; 10 lbs. $18.50**

**LESPEDEZA, KOREAN.** For pasture, hay and lawn on poor land throughout warmer sections. **Lb. 50c; 10 lbs. $4; 100 lbs. $25**

In growing legumes, inoculation of the seed with nitrogen-fixing bacteria is often of great value. Legume inoculant is sold as live bacteria in a base which contains sufficient moisture to preserve the organisms. **State when ordering whether the inoculant is to be used for Alfalfa or Clover.**
**Bu. size 50c; 2½-bu. size $1, postpaid**

# QUALITY SEEDS FOR PROFITABLE FARMING

**Prices are F.O.B. Stores. See page 106 for Parcel Post Rates**

## FIELD CORN

**Rate of Planting: For ears, 1 peck to the acre; for silage, ½ bushel to the acre; for fodder, 1 bushel to the acre.**

### Hybrid Varieties

The hybrids are more husky, more disease resistant and far heavier producers of grain or ensilage, or both.

**U. S. No. 13 Hybrid Dent.** An outstanding variety, vigorous and abundant in production of ears, many stalks bearing two. Ears are large, deep grained and bright golden yellow. Mature in 115 days.
Qt. 75c; pk. $3.50; bu. $11; 10 bus. $100

**Hybrid Yellow Dent.** Produces a high yield of very long, large, sound ears with deep kernels on strong, husky, medium-tall stalks. For ensilage and grain. 105 days.
Qt. 80c; pk. $3.75; bu. $12; 10 bus. $110

### Open-Pollinated Varieties

**Early Golden Orange Dent.** A 90 to 100-day variety. Very handsome and maturing at least 10 to 15 days earlier than any other dent variety. The strong stalks are 10 to 12 feet high.
Qt. 65c; pk. $2.75; bu. $8.50; 10 bus. $75

**Lancaster Sure Crop Yellow Dent.** 105 days to maturity. One of the best varieties for cribbing and silage. The fodder is very tall and leafy, withstanding drought and forming long, narrow kernels to the cob end. A sure cropper.
Qt. 60c; pk. $2.50; bu. $8; 10 bus. $70

**Longfellow (Flint).** Ears 12 inches long, with good-sized kernels and small cobs. Grown for ears as far north as Massachusetts. 90 days.
Qt. 60c; pk. $2.50; bu. $8; 10 bus. $70

**Evergreen Sweet Fodder.** Produces superior quality, richer, sweeter and more digestible fodder than field varieties. Plant in rows 24 to 30 inches apart and allow a bushel of seed to the acre.
Qt. 65c; pk. $2.75; bu. $8.50

### Popcorn for Popping

**Giant Yellow.** Lb. 25c; 5 lbs. $1.10
**White Hulless.** Lb. 30c; 5 lbs. $1.35

## CEREALS

**SEED OATS.** For production of grain, sow 2½ bushels per acre; for forage, 3 bushels.

**Clinton.** Early, high-yielding oats of straw-colored type.
Pk. $1.25; bu. $3.50; 10 bus. $32.50

**Welcome.** A heavy variety of Swedish type oats. Very productive.
Qt. 25c; pk. $1.10; bu. $3.25; 10 bus. $30

**SPRING RYE.** A valuable crop to plow under, in combination with vetch, for soil improvement, using 1 bushel with 50 pounds of vetch to the acre. When grown alone, sow 2 bushels to the acre.
Qt. 50c; pk. $2.50; bu. $7.50; 10 bus. $70

**SPRING WHEAT.** Develops a heavy crop of hard, beardless wheat. Sow 1½ bushels to the acre.
Qt. 50c; pk. $2.50; bu. $7.50; 10 bus. $70

## SOYBEANS

Seed should be sown 3 to 4 pecks to the acre in 24-inch rows, or 6 to 8 pecks if sown in drills or broadcast. When growing with corn, a peck each of corn and soybeans should be used for an acre.

**Mammoth Yellow.** Slow-growing, tall and bushy when mature. Too late for production of beans in northern latitudes but excellent for silage, for hay or for a crop to turn under to improve the soil. Yellow seed.

**Wilson.** Somewhat smaller than Mammoth Yellow but similar in habit of growth and in its use. Black seed.

**Earliana.** A variety growing quickly enough to mature beans in the North. Yellow seed.

**Mixed Soybeans.** In a mixture, soybeans are one of the most valuable of cover crops because of nitrogen-fixing bacteria action and wealth of organic material for plowing under. Grows quickly; effective in keeping weeds down in unused soil.
Qt. 55c; pk. $2.75; bu. $7.50; 10 bus. $70

## VETCH

An excellent cattle feed for milk production and for fattening stock, whether green or as silage or hay. Usually grown with oats, wheat or rye, to keep the climbing plants off the ground. A recommended crop for plowing under to improve the soil.

**Spring Vetch.** *Vicia sativa.* Seed should be sown in spring, broadcast 150 pounds to the acre or 100 pounds planted in drills. In combination, 1 bushel of cereal is used with 50 pounds of vetch.
Lb. 40c; 10 lbs. $3.25; 100 lbs. $25

**Winter or Hairy Vetch.** *Vicia villosa.* For spring and autumn seeding, broadcast 100 pounds to the acre or plant 75 pounds in drills. In combination, 1 bushel of a cereal is used with 50 pounds of vetch.
Lb. 65c; 10 lbs. $5.50; 100 lbs. $45

## OTHER FARM SEEDS

**JAPANESE BUCKWHEAT.** A superior buckwheat with grains twice the average size. Sow in June or July, broadcasting at the rate of 2 bushels to the acre.
Lb. 20c; 10 lbs. $1.50; 100 lbs. $10

**DWARF ESSEX RAPE.** For sheep, hogs and cattle. Seed is sown in July or August, broadcasting 12 pounds to the acre or sowing in drills 5 pounds to the acre.
Lb. 40c; 10 lbs. $3.50; 100 lbs. $27.50

**MILLETS.** Catch crops to replace corn, wheat or other crops that have failed. Fed green or as silage or hay.

**Golden Millet.** Sow 50 pounds to the acre. Lb. 30c; 10 lbs. $2.00; 50 lbs. $8.75; 100 lbs. $16.50

**Hungarian Millet.** Sow 50 pounds to the acre. Lb. 30c; 10 lbs. $2.10; 50 lbs. $9.50; 100 lbs. $17.50

**Japanese Millet.** Broadcast 25 pounds to the acre.
Lb. 30c; 10 lbs. $2.10; 50 lbs. $9.50; 100 lbs. $17.50

**SUDAN GRASS** (Sorghum). A valuable forage plant that makes a fine hay. Sow 20 pounds to the acre.
Lb. 40c; 10 lbs. $3.50; 50 lbs. $15; 100 lbs. $27.50

**SUNFLOWER, Mammoth Russian.** Grown for poultry. Four pounds of seed is sufficient for planting an acre.
Lb. 60c; 10 lbs. $4.50; 50 lbs. $21.50; 100 lbs. $40

**GREEN MANURE SEED MIXTURE.** A combination of various rapid-growing legumes which will add humus and nitrogen to the soil. Plant early in the fall for turning under in the spring or use for spring sowing and early summer turning under. Broadcast 1 pound per 1000 square feet.
Lb. 50c; 10 lbs. $3.75; 50 lbs. $16; 100 lbs. $30

## MANGEL

Easily stored animal food, readily digested and nutritious. Seed is sown in drills 30 inches apart and thinned to 12 inches. Use 6 to 8 pounds per acre.

**Klein Wanzleben Sugar Beet.** High sugar content.
Oz. 25c; ¼lb. 75c; lb. $2; 10 lbs. $18.50

**Mammoth Long Red.** Roots are enormous, uniform in shape, smooth and clean, with small top growth.
¼lb. 50c; lb. $1.50; 10 lbs. $14

**Golden Tankard.** Well-shaped roots with deep orange skin and golden yellow flesh. A variety which sheep prefer to any with white flesh. Under ideal conditions, a field may yield 75 tons an acre.
¼lb. 50c; lb. $1.50; 10 lbs. $14

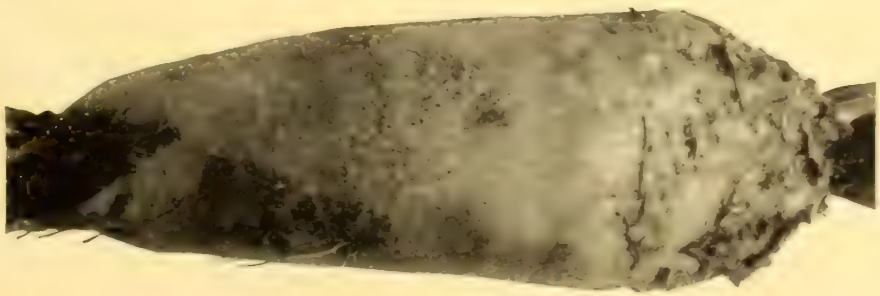
## FIELD CARROTS

Especially valuable for horses. Sow 4 pounds to the acre from May to July 1.

**Mammoth White Belgium.** ¼lb. 75c; lb. $2.25; 10 lbs. $21

**Danvers Cattle.** ¼lb. $1; lb. $2.75; 10 lbs. $26

**Long Orange Cattle.** ¼lb. $1; lb. $2.75; 10 lbs. $26



MANGEL, Mammoth Long Red

## UNMIXED GRASSES

### Bents

**Triple A Bent.** *Agrostis tenuis.* The best type of bent, producing a stoloniferous, deep-rooted sod. Constant mowing encourages a turf similar to fine, bright green velvet bent. Triple A Bent becomes green early in spring and retains its color late in autumn.
Lb. $2.50; 10 lbs. $22.50; 25 lbs. $52.50

**Seaside Bent.** *Agrostis palustris.* Coos County Strain. Dwarf plants multiply rapidly by runners, making a closely matted turf that quickly mends itself if damaged.
Lb. $2.25; 10 lbs. $20; 25 lbs. $48.50

**Rhode Island Bent or Colonial Bent.** *Agrostis tenuis.* Produces a turf of good color and fine texture, with resistance to drought. Lb. $2.35; 10 lbs. $21.50; 25 lbs. $50

**Highland Bent.** Somewhat coarser than other bents, blending well with other lawn grasses. Particularly resistant to drought and does better in the Southern States than most other bent grasses. Lb. $2.20; 10 lbs. $19.50; 25 lbs. $47.50

**Astoria Bent.** *Agrostis tenuis* var. A valuable soil binder, producing fine matted turf by the development of underground runners. Lb. $2.35; 10 lbs. $21.50; 25 lbs. $50

**Velvet Bent.** *Agrostis canina.* Dwarfest of the turf grasses, producing a sward of silk-like texture. **Prices on request**

**South German Mixed Bent.** True seed imported from South Germany again available. For years this was considered tops for putting greens and high-quality lawn turf. It was chiefly replaced by other bents because of its unavailability. It will give you a turf of the finest texture and pleasing color. It is a natural mixture of velvet, carpet and colonial bents.
Lb. $2.50; 10 lbs. $22; 25 lbs. $52.50

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**Redtop.** *Agrostis alba.* Valuable as a nurse grass when seeding new lawns. A good grass for pasture and for hay.

| | Lb. | 10 lbs. | 25 lbs. |
|---|---|---|---|
| **Superfine Sample.** For specialists | $1 35 | $11 00 | $27 50 |
| **Fine Recleaned Seed** of high germination | 1 25 | 11 00 | 25 00 |

## BLUE GRASS

One pound contains about 2,000,000 live seeds

**Bird Grass** or **Shade Blue Grass.** *Poa trivialis.* One of the few grasses that will grow in shaded areas. Resistant to drought.
Lb. $1.50; 10 lbs. $13.50; 25 lbs. $32.50

**Kentucky Blue Grass** or **June Grass.** *Poa pratensis.* A standard pasture grass, also valuable in lawn formulas.

| | Lb. | 10 lbs. | 25 lbs. |
|---|---|---|---|
| **Superfine Sample** | $1 50 | $13 50 | $32 50 |
| **Fine Recleaned Seed** | 1 35 | 12 50 | 30 00 |

**Merion Blue Grass** or **B-27** is a development of the U. S. Golf Association from a single plant selection. Stands summer heat better, permits closer mowing and resists leaf spot and other diseases. A turf much better than that resulting from standard blue grass sowings. Lb. $5

**Delta Blue Grass.** A new selection of blue grass excellent for pasture and favorable for lawns, particularly in the South. Resists disease. Lb. $3.75

**Canada Blue Grass.** *Poa compressa.* Similar to Kentucky blue grass but of less pleasing color.
Lb. $1.50; 10 lbs. $13.50; 25 lbs. $32.50

## CLOVERS FOR LAWNS

**White Clover.** Used in mixture for pastures or lawns.
¼lb. 60c; lb. $1.50; 10 lbs. $13.50

**Wild White Clover.** More permanent and spreading. Thrives on soils too poor for other clovers. Dwarfer, smaller leaf and flowers less freely than regular white (Dutch) lawn clover. Resists drought and helps to keep crabgrass under control. Use 5 percent in a lawn grass mixture or sow on existing turf, ¼ pound per 1000 square feet. ¼lb. 85c; lb. $2.50; 10 lbs. $22.50

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Prices quoted on this page are subject to change without notice, and include delivery to any point within the fourth Parcel Post zone or within 600 miles of New York City. See page 106.

**Stumpp & Walter Co.'s Seaside Bent stands up well under heavy play on the 18 greens of the Grossinger Golf Course, Ferndale, N. Y. Andy Salerno, superintendent.**

## FESCUES

One pound contains 500,000 to 1,000,000 live seeds

**Chewing's Fescue.** *Festuca rubra commutata.* Produces a mat-like turf of good color. The leaves are fine, needle-like and bristly. Resistant to heat, drought and hard wear. Very good for shaded areas and sandy and red shale soils.
Lb. $1.85; 10 lbs. $19.50; 25 lbs. $42.50

**Creeping Red Fescue.** *Festuca rubra genuina.* Recommended to make a fine turf in shade, on embankments and between flagstones. Good for general lawn work.
Lb. $1.85; 10 lbs. $17.50; 25 lbs. $42.50

**Illahee Creeping Red Fescue.** A distinct strain of red fescue—the toughest and most desirable type. Valuable for shady or sunny lawns and used in several of our better grass formulas. Plants are highly resistant to disease and blend well with other turf grasses. Lb. $2; 10 lbs. $19; 25 lbs. $45

**Meadow Fescue.** *Festuca elatior pratensis.* A tall grass with flat, broad leaves; grows quickly.
Lb. 75c; 10 lbs. $6.50; 25 lbs. $15

**Alta Tall Fescue.** *Festuca elatior.* A deep-rooting grass used mostly for pasture and thriving on moist, heavy land. Suitable for athletic fields if not cut too close and valuable as a nurse grass for lawns being established on difficult areas.
Lb. $1.40; 10 lbs. $13; 25 lbs. $31.50

## RYE GRASS

One pound contains 300,000 live seeds

**Perennial Rye Grass.** *Lolium perenne.* A valuable hay and pasture grass frequently used in lawn mixtures because of its rapid germination and development.
Lb. 55c; 10 lbs. $4.50; 25 lbs. $10

**Pacey's Rye Grass.** *Lolium perenne Pacey.* A smaller-seeded, slightly dwarf type of English rye grass.
Lb. 60c; 10 lbs. $5; 25 lbs. $11

**Italian Rye Grass.** *Lolium multiflorum.* A tall, coarse grass producing a heavy hay crop. Lb. 50c; 10 lbs. $4.25; 25 lbs. $9

**Domestic Rye Grass.** Commonly used as a temporary winter turf in the South and as a nurse grass or temporary lawn in the North. Lb. 45c; 10 lbs. $3.75; 25 lbs. $7.50

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**SMOOTH BROME GRASS.** *Bromus inermis.* Creeping roots make brome grass good for binding soil on embankments and for pasture on dry soil. Height 30 inches.
Lb. 85c; 10 lbs. $7.50; 25 lbs. $16.50

**ORCHARD GRASS.** *Dactylis glomerata.* A rapid-growing, tall grass for hay and pasture. Lb. 70c; 10 lbs. $6; 25 lbs. $13.50

**TIMOTHY.** *Phleum pratense.* A rapid-growing, tall grass for hay and pasture. Lb. 45c; 10 lbs. $3.50; 25 lbs. $7.25

**BERMUDA GRASS.** A superior strain for southern lawns and pastures. Lb. 90c; 10 lbs. $8; 25 lbs. $19

**HULLED BERMUDA GRASS.** Lb. $1.10; 10 lbs. $10; 25 lbs. $24

**ZOYSIA.** A warm-climate grass, tremendously heat resistant and disease resistant. May be used in New York area but is slow to start in spring and turns brown in winter.
Lb. $6; 5 lbs. $25. Prices on larger quantities on request

Prices subject to market changes.

# LAWN SEEDS

Prices include delivery within zone 4 unless otherwise noted.

**STAIGREEN.** (See page 2 for description.)
Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125

**THE HENDERSON.** (See page 2 for description.)
Lb. $1.25; 2½ lbs. $3.10; 5 lbs. $6; 10 lbs. $11.50; 25 lbs. $27.50; 100 lbs. $100

**SHADY PLACE.** (See page 2 for description.)
Lb. $1.50; 2½ lbs. $3.70; 5 lbs. $7.25; 10 lbs. $14; 25 lbs. $33.50; 100 lbs. $125

**GREENLAWN.** (See page 2 for description.)
Lb. 80c; 5 lbs. $3.50; 10 lbs. $6.75; 25 lbs. $16.50; 100 lbs. $60
Prices for Greenlawn F.O.B. our stores; add 5c per lb. for mail or phone orders.

**GREENWOOD.** Particularly adaptable for large lawns and parks. The turf produced is of medium fineness if cut frequently. A mixture of fine grasses, without clover.
Lb. $1; 5 lbs. $4.75; 10 lbs. $9.25; 25 lbs. $21.50; 100 lbs. $80

**SUNNY SOUTH.** For use below central Virginia, where ordinary northern grasses do not make satisfactory permanent turf. Sow both spring and fall, at the rate of a pound to 400 square feet, until good turf is established. Northern grasses make vigorous growth in winter, southern grasses in summer.
Lb. $1.25; 5 lbs. $6; 10 lbs. $11; 25 lbs. $25; 100 lbs. $95

**For Terrace Sod** and **Sea Shore Mixture,** use **Staigreen Lawn Seed.**

**For Sawco High Grade formula, use The Henderson. Add 5 percent of White Clover if desired.**

**CREEPING BENT.** Pure seed of a fine turf grass. Over 6,000,000 seeds per pound. This, combined with the creeping character of the plants, permits sowing at half the customary rate on well-prepared soil. With care it will make a lawn of putting-green texture. Use 1 lb. to 250 sq. ft. (one-half for renovating).
Lb. $2.25; 5 lbs. $10.75; 10 lbs. $20; 25 lbs. $48.50

## NEW JERSEY SEED MIXTURES

Grass mixtures highly recommended for all parts of the United States above the Mason-Dixon Line. The formulas have been prepared by the New Jersey Agricultural Experiment Station. In all cases the seed used in making up these formulas is consistently higher in percentage of purity and germination than the Station recommendations.

**FORMULA No. 1. No. 1a** (no clover). Standard lawns.
Lb. $1.25; 2½ lbs. $3.10; 5 lbs. $6; 10 lbs. $11.50; 25 lbs. $27.50; 100 lbs. $100

**FORMULA No. 2.** For finest quality turf, containing a liberal percentage of Colonial Bent.
Lb. $1.35; 5 lbs. $6.50; 10 lbs. $12.50; 25 lbs. $29.50; 100 lbs. $110

**FORMULA No. 3.** For shaded areas.
Lb. $1.35; 5 lbs. $6.50; 10 lbs. $12.50; 25 lbs. $29.50; 100 lbs. $110

**FORMULA No. 4. No. 4a** (no clover). For poor, shaley or sandy soils.
Lb. $1.30; 5 lbs. $6.25; 10 lbs. $12; 25 lbs. $28.75; 100 lbs. $105

**WHITE CLOVER.** Used in lawn grass mixtures.
¼lb. 60c; lb. $1.50; 10 lbs. $13.50

**WILD WHITE CLOVER.** For description see page 60.
¼lb. 85c; lb. $2.50; 10 lbs. $22.50

## TO CONTROL CRABGRASS

**PMAS 2½%.** A selective crabgrass killer and fungicide, highly recommended for control of crabgrass. Ten ounces per 1000 square feet are required for each application. A stronger solution is used on lawn to be re-seeded. Pt. $1.75; gal. $13.25

**Potassium Cyanate** (Selective Crabgrass Killer). A non-poisonous powder for the control of crabgrass, with little or no damage to desirable turf. Easy to use as a spray. Four ounces cover 600 square feet. 4 ozs. $1; 16 ozs. $2.95; 6 lbs. $10.95

**Three-Way Crab Grass and Weed Killer.** A non-poisonous potassium cyanate control including 2, 4-D and 2, 4-5-T. Most effective for killing crabgrass, brush and woody plants without killing clover, blue grass and other desirable grasses. Can be used on seedling or mature crabgrass. Three-Way is harmless to soil breaking down to beneficial elements. Readily soluble in water and easily cleaned from the sprayer.
5 ozs. $1; 20 ozs. $3; 5 lbs. $8.85

## FOR BETTER LAWNS

**Emerald Grass Fertilizer.** A well-balanced plant food for lawns. Use 2 pounds for 100 square feet on established lawns, double the quantity on new lawns.
25 lbs. $2.50; 50 lbs. $3.75; 100 lbs. $6.50; 500 lbs. $30; ton $95

## TO CONTROL BROWN PATCH

**Tersan 75.** A highly concentrated material effective for control of brown patch. 5⅓ ozs. $1; 3 lbs. $6.75

**Semesan (Special).** An organic mercury compound recommended for controlling brown patch. 1½ lbs. $3.75; 25 lbs. $52.05

## TO CONTROL GRUBS, CHINCH BUGS AND ANTS

**Chlordane.** For a fast, effective killing of Japanese beetles, ants and chinch bugs. 50-W Powder. 8 ozs. $1.50; lb. $2.50

**Chlordane 48% Liquid Concentrate.** ½pt. $1.50

To Improve Lawns

# *LAWNSPREAD*

To Grubproof Soils

## A complete top-dressing in dry powder form
## Plant foods, grass seeds and fungicide combined

*Ideal for freshening established lawns*
*Ideal, too, for reseeding small areas*

- Save time, effort and inconvenience. . . **USE LAWNSPREAD***
- To add all this material in one operation. **USE LAWNSPREAD***

1. Quality grass seed for sun or shade
2. An essential grass fertilizer
3. Rich, sterile, screened compost
4. Chlordane for ant, chinch-bug and grub control

The secret of the beautiful turf on golf courses is the frequent application of soil, humus, plant foods, insecticides and fungicides; and pure seed is used. When you broadcast Lawnspread you achieve in one operation what experts do in several.

### AMOUNTS REQUIRED

**To Freshen Established Lawns.** Broadcast at the rate of one bag to each 400 square feet.

**To Renovate Thin or Bare Turf.** Broadcast one bag to each 200 square feet after scratching the surface with a rake.

| 25 lbs. to bag | LAWNSPREAD* | SUPER-LAWNSPREAD | LAWNSPREAD WITH MILKY DISEASE SPORE DUST |
|---|---|---|---|
| 1 to 10 bags | $3.50 each | $4.00 each | $4.25 each |
| 11 to 25 bags | 3.35 each | 3.85 each | 4.10 each |
| Over 25 bags | 3.25 each | 3.60 each | 3.95 each |

**Trade-mark Registered, patent pending*

**For renewing Bent lawns, use Super-Lawnspread.**
**For beetle control, use Lawnspread with Milky Disease Spore Dust.**

## PUTTING-GREEN FORMULAS

New greens require 10 pounds for 1000 square feet

**Standard Putting-Green Formula.** Recommended for light, dry soils. A formula made up of highest quality imported and domestic grasses, including Bent grasses and Chewing's Fescue. Lb. $1.90; 5 lbs. $9; 25 lbs. $37.50; 100 lbs. $140

**Special Putting-Green Bent Formula.** A blend of finest quality grass seeds, with an increased proportion of Bents. Especially adapted to rich soils, well prepared. Lb. $2; 5 lbs. $9.50; 25 lbs. $40; 100 lbs. $150

## FAIRGREEN FORMULAS

200 pounds to the acre on new fairways

**Fairway Formula, Fine Quality.** The formula for light, dry soils, producing an even, tough and lasting turf under average conditions. Good proportions of Kentucky Blue Grass and Chewing's Fescue are included, and the weight of a measured bushel of this mixture is over 25 pounds. Lb. $1.25; 5 lbs. $6; 25 lbs. $26.50; 100 lbs. $95

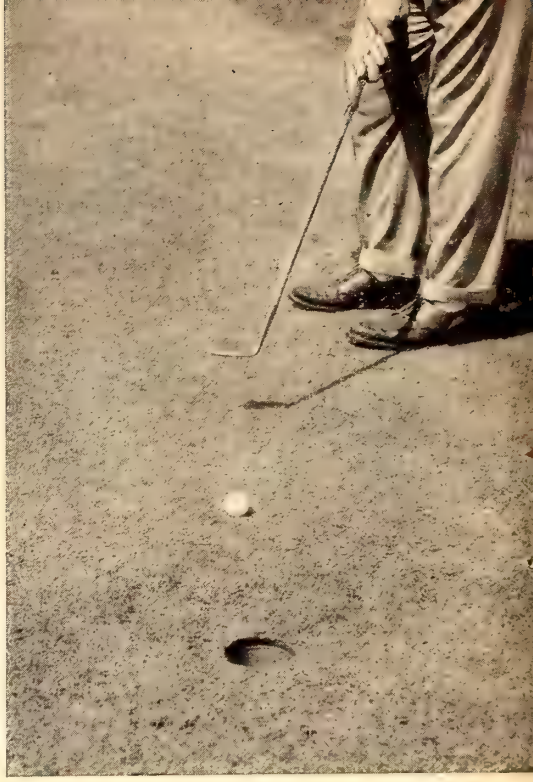
**Fairgreen Formula, Superfine Quality.** A mixture containing Bents, Chewing's Fescue, Illahee Fescue, Kentucky Blue Grass and Fancy Redtop. The ideal formula for rich, carefully prepared soils. Lb. $1.50; 5 lbs. $7.25; 25 lbs. $32.50; 100 lbs. $120

**Formula for Problem Fairways.** Adapted to poor soil, with resistance to chinch bug, drought and heat. 5 lbs. $8.25; 25 lbs. $36; 100 lbs. $130

**Formula for Irrigated Fairways.** A superior mixture for areas where soil moisture can be assured. 5 lbs. $8.50; 25 lbs. $37.50; 100 lbs. $135

## FORMULA FOR TEES

For rough usage and quick recuperation after excessive wear, this mixture is recommended. It should be sown at the rate of 10 pounds to 1000 square feet for the first seeding. Lb. $1.45; 5 lbs. $7; 25 lbs. $30; 100 lbs. $115



Special Putting-Green Bent Grass

## ROUGH FORMULA

Taller-growing hardy perennial grasses and other suitable plants least likely to give serious trouble as weeds if their seed should be carried to greens and fairways. New seeding should be at the rate of 100 pounds per acre.

Lb. $1.10; 5 lbs. $5; 25 lbs. $20; 100 lbs. $72.50

## TENNIS

**Lawn Tennis Formula.** A combination of grasses that may be cut closely and rolled continuously; will stand up well under localized wear. When establishing new courts, 7½ pounds should be used for 1000 square feet.

Lb. $1.90; 5 lbs. $9; 25 lbs. $37.50; 100 lbs. $140

## POLO

**Hurlingham Polo Formula.** A high-grade grass mixture similar to that used on English polo fields but adapted to American conditions. 5 lbs. $7.25; 25 lbs. $32.50; 100 lbs. $120

Velvet-smooth Practice Green and Club House, Fresh Meadow Club, Lake Success, L. I., James Kehoe, Superintendent. Stumpp & Walter Co.'s Mixed Seeds used for many years.

## FOOTBALL AND ATHLETICS

**Touchdown Formula.** Hard-wearing grasses properly proportioned. For new fields, rate of sowing is 5 pounds to 1000 square feet. 5 lbs. $7.25; 25 lbs. $32.50; 100 lbs. $120

**Tough Turf.** A reliable mixture to meet the demand for low budgets. Has a smaller percentage of perennial grasses than found in Touchdown, but will result in a tough, matted sward of low-growing grasses. Use 150 pounds to the acre on new work, one-half for renovating. When seeding in the spring or for quick results, use up to 50 per cent additional.

5 lbs. $6; 25 lbs. $25; 100 lbs. $95

## LAWN BOWLING

The Special Putting-Green Bent Formula is recommended for lawn bowling areas.

## AVIATION

**Airport Formula, Superfine Quality.** A combination of grasses to produce a densely matted, deep green turf.

100 lbs. $95; 500 lbs. $425; 1000 lbs. $800

**Airport Formula, Fine Quality.** Grasses to create a tough, wear-resistant turf, gray-green in color.

100 lbs. $75; 500 lbs. $335; 1000 lbs. $650

## DIVOT FORMULA FOR REPAIRING DAMAGES

A blend of two essential types of grasses for repairing damaged areas:

1. Permanent grasses suitable for sports fields, fairways and tees.

2. Temporary grasses growing very rapidly to fill in until other grasses are established.

A day or two will show growth of the temporary grasses, making divots unnoticeable. After a few weeks of cutting, the permanent grasses will be established to take their place.

Lb. $1.75; 5 lbs. $8; 25 lbs. $35; 100 lbs. $135

# *New* ROSES

PEACE ©

Voted one of the Best Ten All-America Rose Selections.

HEDDA HOPPER

*The World's Loveliest*

**FRED HOWARD.** Pat. 1006. Shown in color on front cover. A magnificent yellow Hybrid Tea named for one of America's foremost rose growers. Strong and upright. Provides long-stemmed blooms for cutting from spring to fall.
**$2.75 each; $7.25 for 3; $27.50 per doz.**

**PEACE.** Pat. 591. Ranked highest by the American Rose Society. Huge blooms of heavy texture and delicate color on an unusually strong, tall plant.
**$2.50 each; $6.75 for 3; $25 per doz.**

**HEDDA HOPPER.** Pat. pend. Soft satiny pink with salmon tints. Lovely for flower arrangements. **$2 each; $5.50 for 3; $20 per doz.**

**VOGUE.** Pat. 926. A delightful new Floribunda with exquisitely shaped blooms in the form of a Hybrid Tea. Bushy, compact.
**$2.25 each; $6.10 for 3; $22.50 per doz.**

**FASHION.** Pat. 789. A Floribunda with lovely buds unfolding to bright peach-colored blooms; wavy petals. **$2 each; $5.50 for 3; $20 per doz.**

**NOCTURNE.** Pat. 713. One of the darkest of all roses—deep rich red that has life and vivacity. **$1.75 each; $4.75 for 3; $17.50 per doz.**

**HELEN TRAUBEL.** Pat. 1028. Long-pointed buds opening to beautifully shaped blooms. **$2.75 each; $7.25 for 3; $27.50 per doz.**

VOGUE ©

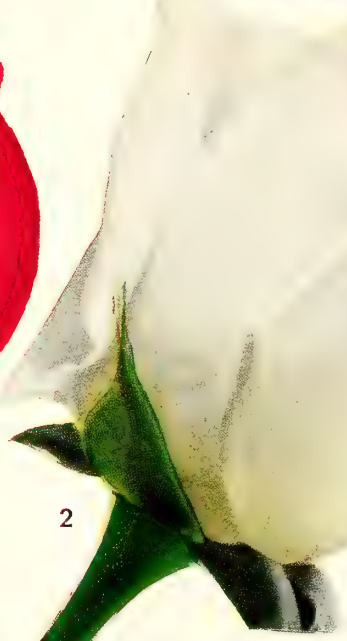
FASHION

HELEN TRAUBEL

NOCTURNE

# FIVE *Magnificent* EVERBLOOMING ROSES

1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**1. TOM BRENEMAN.** Pat. 986. Long, coral-rose buds expand slowly to beautiful, long-lasting blooms, heavily perfumed.
**$2 each; $5.50 for 3; $20 per doz.**

**2. SLEIGH BELLS.** Pat. 1004. A superb white rose with large, fragrant flowers, carried on long stems. Lovely in all stages.
**$2 each; $5.50 for 3; $20 per doz.**

**3. SUTTER'S GOLD.** Pat. 885. Long-pointed, bright yellow buds shaded with orange and red open to full, high-centered flowers with heavy-textured petals. Tea fragrance. Very strong, upright plants clothed with leathery, dark green foliage. Grows 2½ to 3 feet tall. **$2.25 each; $6.10 for 3; $22.50 per doz.**

**4. CRIMSON GLORY.** Pat. 105. Flowers of beautiful form, deep velvety crimson. The color is usually deeper in fall than in spring. Wonderful, rich fragrance and vigorous growth add to the desirability of this great red rose. A long-time favorite.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**5. BABE RUTH.** Pat. 996. Heavy-petaled, copper-salmon buds develop into large, ovoid flowers, the color changing to rose-pink as the blooms mature. Long, stiff stems carry the flowers upright on strong plants. Clean, leathery foliage. Always gives a good performance. **$2 each; $5.50 for 3; $20 per doz.**

## COLLECTION A

**ONE EACH OF FIVE PATENTED ROSES**

**Special Price $8.95**

*(Value $10.00)*

4

5

**COUNTESS VANDAL**
$1.50 each; $4.15 for 3;
$15 per doz.

**RADIANCE**
$1.50 each; $4.15 for 3;
$15 per doz.

# *Garden Favorite* COLLECTION

## OF FIVE EVERBLOOMING ROSES

**COUNTESS VANDAL.** Acclaimed the most artistic bloom in rosedom, and one of the most delightful for cutting. Copper, bronze and pink, flooded with gold, with silvery reflexes.

**RADIANCE.** One of the most reliable and easily grown roses. Flowers are two-toned rose-pink and very fragrant. Plants are vigorous and free blooming.

**SISTER THERESE.** Named in honor of Sister Therese, the famed French saint popularly known as "The Little Flower." Splendid large, gold-yellow buds opening to cadmium-yellow.

**McGREDY'S IVORY.** Appealing large flowers of beautiful double form and with moderate fragrance. The color is delicate cream-white. Dark, leathery, glossy foliage.

**ETOILE DE HOLLANDE.** A magnificent rich scarlet-crimson with a lovely velvet finish and a fragrance of special appeal. The plants branch and bloom freely.

*Special Offer*

**The Garden Favorite Collection**
**ONE EACH OF THE FIVE VARIETIES** (Value $7.50) **$5.95**

**McGREDY'S IVORY**
$1.50 each;
$4.15 for 3;
$15 per doz.

**SISTER THERESE**
$1.50 each;
$4.15 for 3;
$15 per doz.

**ETOILE DE HOLLANDE**
$1.50 each;
$4.15 for 3;
$15 per doz.

CRIMSON ROSETTE

GLORIOUS

# *Select New* FLORIBUNDA ROSES

**CRIMSON ROSETTE.** Pat. 901. Brilliant crimson flowers expanding slowly, produced in clusters on vigorous, free-blooming plants. Each open bloom is like a perfect rosette. **$1.75 each; $4.75 for 3; $17.50 per doz.**

**PINK ROSETTE.** Pat. 902. Open sprays of peach-pink buds with 50 shell-like petals, becoming perfectly formed blooms. Extra strong plants. Blooms continuously. **$1.75 each; $4.75 for 3; $17.50 per doz.**

**GLORIOUS.** Pat. 879. Husky bushes with quantities of deep vermilion buds that open to large, semi-double, tyrian-rose flowers. Excellent for use along driveways and for bedding. **$1.50 each; $4.15 for 3; $15 per doz.**

**CECILE BRUNNER IMPROVED.** Pat. 851. The Sweetheart Rose. Clusters of dainty double flowers of soft pink shading to light yellow at the center. Ideal for small arrangements. **$1.50 each; $4.15 for 3; $15 per doz.**

**SUMMER SNOW.** Pat. 416. A beautiful pure white Floribunda with 3½-inch flowers in clusters on 2-foot plants. A prolific bloomer over a long season; very useful in any garden. **$1.50 each; $4.15 for 3; $15 per doz.**

**NEW DAWN.** Climbing rose with long-stemmed, blush-pink flowers, slightly fragrant. Blooms repeatedly when well established. Very sturdy and hardy; 15 feet in height. **$2 each; $5.50 for 3; $20 per doz.**

© SUMMER SNOW

**NEW DAWN.** Everblooming Climber

CECILE BRUNNER IMP.

# *Plant and Nursery Department*

Within the confines of pages 63 to 86, we are offering to garden lovers everywhere, the World's Choicest varieties of Roses, Perennials, Shrubs, Fruits, etc., for better gardening and more beautiful flowers. **indicates an All-America Rose Selection.**

We guarantee the safe arrival of plants sent by Express or Parcel Post to all points in the United States. Should anything be injured in transit, we urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged so that we can replace them. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and complaint is then made, we cannot replace them.

**SHIPPING DATES.** We would appreciate it if our customers would specify a shipping date; otherwise we will ship when we think best. We ship direct from our Nursery at Red Bank, N. J. Special packing for export shipments charged for at cost.

**BABE RUTH.** Pat. 996. See page 64. Heavy-petaled, copper-salmon buds develop into large flowers, the color changing to rose-pink as the blooms mature.
**$2 each; $5.50 for 3; $20 per doz.**

**BUTTERSCOTCH.** Pat. 613. The over-all effect is soft pastel buff—a shade that is unusually mellow and warm.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**CALIFORNIA CENTENNIAL.** Pat. 953. Large, fragrant, rich velvety crimson flowers on long stems with very few thorns. Continuous bloom over a long period.
**$2 each; $5.50 for 3; $20 per doz.**

**CAPISTRANO.** Pat. 922. Large buds and flowers. Color a glowing rose-pink that lasts throughout the life of the flower. The plant is upright in growth and extremely vigorous.
**$2 each; $5.50 for 3; $20 per doz.**

**CHARLOTTE ARMSTRONG.** Pat. 455. Acclaimed the finest rose introduction of recent years. In the bud stage the color is rich blood-red and when opening turns spectrum-red if the weather is cool, but cerise if it is hot. Very vigorous, with deep green foliage.
**$2 each; $5.50 for 3; $20 per doz.**

**CRIMSON GLORY.** Pat. 105. See page 64. Considered by many to be the world's best rose. Flowers are of beautiful form, deep velvety crimson in color and made up of 30 perfumed petals. Color is usually deeper in fall than in spring.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**FORTY-NINER.** Pat. 792. No rose surpasses Forty-niner in its striking color scheme. The outside of the fine, large, well-formed flowers is rich chrome-yellow and the inside fiery oriental red.
**$2 each; $5.50 for 3; $20 per doz.**

**FRED HOWARD.** Pat. 1006. Our front-cover rose. Named for one of America's great rosarians. Golden yellow, edges flushed pink. Delicate fragrance. Very vigorous, upright grower with olive-green foliage. A glorious cut flower.
**$2.75 each; $7.25 for 3; $27.50 per doz.**

**HEART'S DESIRE.** Pat. 501. Deep red, free from any purplish tones. A flower of ideal form developing from long-pointed buds and having a unique haunting perfume. Heart's Desire is strong and disease-resistant.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**HEDDA HOPPER.** Pat. pending. See page 63. Delightful for its delicate color and sweet fragrance. The color is soft satiny pink with salmon tints. Unique and artistic; a sturdy grower. **$2 each; $5.50 for 3; $20 per doz.**

## EVERBLOOMING PATENTED ROSES

**Top quality No. 1, two-year-old, dormant plants. Northern grown under the most scientific conditions. They must not be compared with inferior, cheaply grown plants.**

We furnish these in dormant condition up to May 1. Send for pamphlet "Garden Culture of the Rose."

**HELEN TRAUBEL.** Pat. 1028. See page 63. An All-America and Continental Gold Medal Winner. A distinct combination of color—pastel tones of pink and apricot. The flowers are large, with pleasing fragrance. A strong plant, upright in growth.
**$2.75 each; $7.25 for 3; $27.50 per doz.**

**LOWELL THOMAS.** Pat. 595. Long-pointed buds are produced freely, opening to large, graceful flowers of clear golden yellow. The blooms are high centered and borne on long stems. One of the finest golden yellow roses.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**MME. CHIANG KAI-SHEK.** Pat. 664. One of the loveliest yellow roses—delicate in color, of fine form and comprised of 24 to 30 petals.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**MISSION BELLS.** Pat. 923. Color deep salmon-pink changing to clear shrimp-pink. It is remarkable for its vigor, length of stem and texture of foliage. Pleasing tea fragrance.
**$2.25 each; $6 for 3; $22.50 per doz.**

**NOCTURNE.** Pat. 713. See page 63. Voted one of the ten best roses. Long slender buds are beautifully formed, the open flowers bright cardinal-red with darker crimson shadings. The darker tones become more pronounced in cool weather, lighter in hot periods. Bushes are sturdy, producing long stems and luxuriant foliage.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**PEACE.** Pat. 591. See page 63. Peace has been voted by the Men's Garden Club of America the finest of all roses. It has vigor and beauty, with the opening buds a delightful cream-yellow. As they expand they become alabaster-white with the edges tinted clear cerise. Despite the large size of the blooms they have a delicate appearance—an almost ethereal loveliness.
**$2.50 each; $6.75 for 3; $25 per doz.**

**SLEIGH BELLS.** Pat. 1004. See page 64. White roses always have a special appeal to a great many gardeners, and consequently Sleigh Bells is destined for popularity. The trace of primrose at the base of the petals is just enough to give it warmth and added life. Delightfully fragrant and with glossy, disease-resistant foliage.
**$2 each; $5.50 for 3; $20 per doz.**

**SAN FERNANDO.** Pat. 785. Voted one of the ten best roses. Beautiful long streamlined buds of intense red. The flowers are glowing currant-red changing to bright scarlet. Heavily perfumed.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**SUTTER'S GOLD.** Pat. 885. See page 64. The growth is vigorous, the foliage green and highly resistant to mildew, but the glory of this variety is its fragrant flowers. It has long-pointed, yellow buds richly shaded with orange and red. When fully open, it is a superb yellow rose with coppery veins through the petals.
**$2.25 each; $6.10 for 3; $22.50 per doz.**

**TOM BRENEMAN.** Pat. 986. See page 64. Long coral-rose buds expand slowly to beautiful long-lasting blooms, heavily perfumed.
**$2 each; $5.50 per 3; $20 per doz.**

**WILL ROGERS.** Pat. 256. The flowers are a velvety dark crimson-maroon which holds its color 'til the last petal falls. The fragrance is so intense that a few flowers will scent a room with attar-of-roses fragrance. In form the flowers are quite double, with a beautiful ruffled petal arrangement.
**$1.50 each; $4.15 for 3; $15 per doz.**

Crimson Glory

**SPECIAL NOTICE: Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% of your order value for packing and postage to points within the 4th zone and 20% to points beyond the 4th zone.**

# *Everblooming Roses* Popular Varieties that Have Withstood the Test of Time

## Top Quality No. 1. Two-Year-Old Dormant Plants

**Ami Quinard.** Prized for the deep velvety luster of the buds and the crimson-maroon tones in the open flower; fragrant.

**Condesa de Sastago.** Rich yellow buds unfold into copper-colored blooms, with the yellow on the reverse, making a conspicuous and startling effect as the flowers reach different stages. Blooms are fully double, with alluring raspberry fragrance.

**Contrast.** A unique bicolor rose, full petaled and with a delicate entrancing fragrance. The upper face of the petals is a charming orange-rose in contrast to the milky white reverse. A vigorous grower and profuse bloomer with lovely blooms from June until frost.

**Countess Vandal.** See page 65. Long-pointed bud and a high-centered, fragrant flower of coppery pink suffused with soft yellow.

**Edith Nellie Perkins.** The outside of the petals is cream and blush shaded, with orange at the base; the inner face is salmon-pink with golden orange at the base.

**Etoile de Hollande.** See page 65. A magnificent rich scarlet-crimson with a lovely velvet finish and a fragrance of special appeal. The plants branch freely and produce an abundance of flowers which are most lovely in every way.

**Golden Rapture.** A splendid yellow rose of upright growth. The pure yellow buds are of ideal form. Beautiful large, double flowers which last without fading. A splendid variety for cutting and for bedding. Highly perfumed.

**Grenoble.** One of the better reds. Brilliant, large scarlet blooms on long stems. Very vigorous grower, profuse and hardy.

**Mrs. Erskine Pembroke Thom.** Long-pointed buds open to large, double flowers of clear deep canary-yellow. Fragrant. Long stems for cutting. Very hardy.

**Mrs. Pierre S. du Pont.** In the bud stage is reddish gold and when fully open the fine, cup-shaped flower is deep golden yellow. The plant is strong and compact and blooms continuously.

**Poinsettia.** The name which so aptly describes this beautiful rose was suggested by the late Dr. J. Horace McFarland. It has semi-double flowers of a bright rich scarlet color produced profusely during the whole season on vigorous plants of fairly tall growth.

Grenoble

**President Herbert Hoover.** Strong, vigorous growth. Flowers large and full. A combination of cerise-pink, flame, scarlet and yellow, in beautiful contrast which brings out the strong individuality of this charming rose.

**President Macia.** A captivating long pink bud marked with heavy veins of darker pink, on a perfect stem for cutting. When open the face of the petals is pale flesh, warmed with a yellow flush toward the base, the reverse the rich pink of the buds. Fruity scent.

**Radiance.** See page 65. A brilliant rosy carmine, displaying beautiful, rich and opaline pink tints in the open flower. Large and full, with cupped petals. The stems are long, with flowers borne erect. A very strong grower and free bloomer.

**Red Radiance.** A cerise-red sport of the well-known and popular Radiance. It inherits all the fine qualities of the latter—vigorous growth, erect branching habit, and healthy dark green foliage. The stems are long and rigid. Delightfully fragrant.

**Sister Therese.** See page 65. Named in honor of Sister Therese, the famed French Saint of Lisieux who is popularly known as "The Little Flower." Splendid large gold-yellow buds opening to cadmium-yellow with edges toned carmine.

**Talisman.** A strikingly beautiful rose. In the bud it is particularly attractive. The color is a combination af gold-yellow, apricot and deep pink or old-rose. Very free blooming. Popular for corsages.

**The Doctor.** Awarded the National Rose Society Gold Medal. A clear rose-pink of enormous size, with stiff large petals. The plants are moderately vigorous and very free-flowering, and the flowers have a delightful verbena-like fragrance.

The Doctor

**Joanna Hill.** The buds are long and pointed. They open into large, semi-double flowers. The color is clear yellow, with orange-yellow at the heart.

**Kaiserin Auguste Viktoria.** For over 50 years this has been the favorite pure white. Form perfect, fragrance delightful; hardy.

**McGredy's Ivory.** See page 65. Appealing large flowers of beautiful double form and with moderate fragrance. The color is delicate cream-white merging into yellow at the base. Vigorous, disease resistant, and a prolific bloomer.

**McGredy's Scarlet.** The fragrant, full, double flowers are of good size. They are brilliant scarlet with orange-yellow at base of petals, the upper portions being lightly touched with crimson.

**Mme. Jules Bouche.** Long-pointed, pure white buds, opening to full-centered, white blooms with a trace of primrose in the center. Sturdy, free blooming and delightfully fragrant.

**Any of above, $1.50 each; $4.15 for 3; $15 per doz.**

# Floribunda Roses

Floribunda roses are extremely hardy and free flowering. They are valuable for planting in the foreground of shrubbery, also for hedge purposes and for border plantings along driveways, etc. In bloom from June to frost. Grow 2 to 3 feet high.

### 1952 Introductions

**Vogue.** Pat. 926. See page 63. This 1952 All-America Winner has already received several gold medals both in this country and abroad. It is related to the famous variety Fashion, and it introduces a new color—an intensive cherry-coral. The flowers have the perfect form of a high-centered hybrid tea rose 3 to 4 inches across. Its fragrance is most delightful. The plant is vigorous and upright, and besides its desirability in the rose garden, it is ideal for use in the foreground of foundation plantings.

**$2.25 each; $6.10 for 3; $22.50 per doz.**

**Connie Mack.** Pat. applied for. One of the loveliest Floribundas, with perfectly formed, dark velvety crimson flowers massed in artistic sprays. These are produced on long stems, which make them ideal to cut for flower arrangements, for which purpose they are so desirable because of their long-lasting qualities. The sturdy plant produces an abundance of flowers from spring to fall and is clothed with beautiful mildew-resisting foliage.

**$2 each; $5.50 for 3; $20 per doz.**

### Popular Varieties

**Baby Chateau.** Large, semi-double flower clusters of velvety dark red. The foliage, too, is very dark, with a bronze cast. Magnificent in mass plantings, either alone or with a contrasting color. Vigorous and bushy.

**$1.50 each; $4.15 for 3; $15 per doz.**

**Fashion.** Pat. 789. See page 63. An enchanting color, luminous coral-pink overlaid with gold, which softens to coral. The pointed buds open slowly into perfectly formed roses with wavy petals that possess a haunting old rose fragrance.

**$2 each; $5.50 for 3; $20 per doz.**

**Glorious.** Pat. 879. See page 66. Well named for its glorious mass of semi-double flowers which are deep vermilion in the bud and tyrian-rose in the full-blown flowers. An extremely vigorous grower, well branched and productive.

**$1.50 each; $4.15 for 3; $15 per doz.**

**Gruss an Aachen.** Few roses are as bright in the bud as this fine variety. Orange-red and yellow opening to a combination of salmon-yellow and pink.

**$1.50 each; $4.15 for 3; $15 per doz.**

Connie Mack

Summer Snow

**Cecile Brunner Improved.** Pat. 851. The Sweetheart Rose. See page 66. Many stalks develop from the base of the plant, and each produces numerous sprays of dainty peach-pink flowers which change to salmon. Excellent for flower arrangements. **$1.50 each; $4.15 for 3; $15 per doz.**

**Pinocchio.** Pat. 484. Buds are salmon suffused with gold, becoming soft, clear pink as the 30-petaled flowers expand. Height 2 feet.

**$1.50 each; $4.15 for 3; $15 per doz.**

**Summer Snow.** Pat. 416. See page 66. A beautiful pure white Floribunda with 3½-inch flowers in clusters on 2-foot plants.

**$1.50 each; $4.15 for 3; $15 per doz.**

## POLYANTHA ROSES

These range from 1½ to 2 feet high and produce large clusters of small flowers in abundance from June until frost. Very desirable for bedding, borders, and in the foreground of shrubs.

**Crimson Rosette.** Pat. 901. See page 66. Densely double, rich crimson flowers produced in showy clusters on disease-resistant plants which are so distinct from other roses as to deserve a separate classification. In some ways the blooms resemble a choice camellia in size and form. Vigorous and free blooming.

**$1.75 each; $4.75 for 3; $17.50 per doz**

**Gloria Mundi.** Orange-scarlet, a brilliant color unexcelled for bedding.

**$1.50 each; $4.15 for 3; $15 per doz.**

**Ideal.** A dwarf-growing Polyantha of great merit. Flowers dark amaranth-red, produced in large clusters. An ideal variety, as its name implies.

**$1.50 each; $4.15 for 3; $15 per doz.**

**Pink Rosette.** Pat. 902. Same habit as Crimson Rosette, carrying large clusters of densely double, bright pink blooms each of which is a whole bouquet in itself. Fine in the garden, as a pot plant, or for cutting.

**$1.75 each; $4.75 for 3; $17.50 per doz.**

## MINIATURE ROSES

For the lover of miniature flowers, and particularly miniature arrangements, these roses have special appeal, for they possess all the characteristics of large roses on a small scale. A good subject for rock gardens or intimate borders.

**Rosa Rouletti.** The Fairy Rose. Plants grow 9 inches high and produce many pink, semi-double flowers.

**Sweet Fairy.** Pat. 748. Flowers are only an inch across, apple-blossom-pink and double, with a distinct fragrance.

**Tom Thumb.** Pat. 169. Deep carmine. Tiny buds open to flowers the size of a dime, showing white centers. Height 4 to 6 inches.

**Above varieties, pot-grown, will be available April 15. $1.35 each; $3.75 for 3; $13.50 per doz.**

## HYBRID PERPETUAL ROSES

Popular June-flowering roses distinguished for their hardiness and for this reason largely planted in the North.

**Frau Karl Druschki.** This beautiful, large snow-white variety is very popular, sometimes being called White American Beauty. Splendid buds and immense flowers, 4 to 5 inches across. Perfectly double, with large, thick petals.

**Gen. Jacqueminot.** A rich dark crimson with velvety sheen, full and fragrant. Known as the Jack Rose, a favorite.

**Paul Neyron.** Probably the largest of all roses. Clear dark pink, shaded carmine. Flowers bold and handsome; very fragrant.

**Any of above, $1.50 each; $4.15 for 3; $15 per doz.**

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(*Above*) Dream Girl

(*Below*) Primrose

# Climbing Roses

## Everblooming Hardy Climbing Roses

**DREAM GIRL.** Pat. 643. Possesses everything that is desired in a climbing garden rose. It is everblooming, of a luminous coral-pink color, and continues to bloom throughout the summer. It finishes the season with a veritable riot of color in late fall. The plant makes a fine healthy growth and is perfectly hardy.
**$2.25 each; $6.10 for 3; $22.50 per doz.**

**NEW DAWN.** See page 66. The color is a delicate flesh-pink on the outer surface, deepening to rosy flesh in the center. Identical with its parent, Dr. W. Van Fleet in size and formation of flowers and habit of growth. In addition, it blooms through the summer and fall months. **$2 each; $5.50 per 3; $20 per doz.**

## Hardy Climbing Roses

There are many ways of using climbing roses in landscape design. They are ideal for trellises, may be trained on posts or festooned on chains slung between posts. By the use of hooks, climbing roses may be trained against masonry and are very effectively grown in this manner.

**American Pillar.** Single, 3-inch flowers, borne in clusters. Bright pink with white center. Wonderfully decorative even when not in flower, as the plant is later covered with brilliant red seed pods.

**Blaze.** Intense red flowers in great numbers during early summer, with some color later in the season.

**Climbing American Beauty.** The deep rose-pink flowers, 3 to 4 inches in diameter, are identical with its parent American Beauty and possess its enchanting fragrance. A strong grower, hardy as an oak, with disease-proof, glossy foliage.

**Dr. W. Van Fleet.** A great favorite for many years because of its beautiful buds, its exquisite flesh-pink flowers and glossy foliage. Plants are very vigorous and easy to grow.

**Gold Rush.** One of the best yellow hardy climbers. Dark green, glossy foliage with long-stemmed, full-centered flowers of molten gold. The plant is vigorous.

**Mary Wallace.** A pillar rose growing 6 to 8 feet high, with large, glossy foliage. Blooms with great freedom in the spring and early summer. Flowers about 4 inches across, semi-double, bright clear rose-pink.

**Mme. Gregoire Staechelin (Spanish Beauty).** Delightful long-pointed buds opening to grand blooms of iridescent pearly pink with splashes of carmine on the firm outer petals. Beautiful to look at and also very fragrant.

**Paul's Scarlet Climber.** Clusters of vivid scarlet that do not fade in the sun. Well-established plants keep producing flowers long after the normal blooming period.

**Primrose.** Large, double, primrose-yellow flowers in clusters on very hardy plants.

**Silver Moon.** Large, open, white flowers with conspicuous yellow centers and excellent foliage.

**Any of above, Hardy Climbing Roses, $1.50 each; $4.15 for 3; $15 per doz.**

## Climbing Hybrid Tea Roses

The climbing Hybrid Tea roses are not as hardy as the standard climbers and should be well mulched in winter.

**Climbing Heart's Desire.** Pat. 663. Combines deep rich red fragrant flowers with the graceful habit of a climber.
**$1.75 each; $4.75 for 3; $17.50 per doz.**

**Climbing Peace.** Pat. 932. Blooms similar to those of the popular Peace rose, on long canes suitable for trellises.
**$2.50 each; $6.75 for 3; $25 per doz.**

**Climbing Pink Radiance.** Two-toned pink flowers on vigorous plants.
**$1.50 each; $4.15 for 3; $15 per doz.**

**Climbing President Hoover.** A beautiful bicolor, scarlet and yellow in bud, opening to soft yellow with scarlet markings. **$1.50 each; $4.15 for 3; $15 per doz.**

**Climbing Talisman.** The familiar Talisman rose on long canes. The rich bicolor tones are new in the climbing type.
**$1.50 each; $4.15 for 3; $15 per doz.**

## RUGOSA and SHRUB ROSES

More vigorous and hardier than most other types. Excellent for hedges also as specimens in a shrub border. Covered with flowers from June to frost.

**F. J. Grootendorst.** Showy, bright red, fringed flowers produced in large clusters atop strong canes.

**Pink Grootendorst.** A pink counterpart of the above. **Rugosa Roses, $1.50 each; $4.15 for 3; $15 per doz.**

**Rosa Hugonis.** A hardy rose from northern China. A shrub of graceful habit with small leaves, millions of thorns and beautiful single yellow flowers that all but hide the foliage during May. A rose that should be in every garden of adequate size. Plants grow to 8 feet and are broad. A fine specimen plant.
**$1.50 each; $4.15 for 3; $15 per doz.**

Rosa Hugonis

# *Hardy Perennial Plants*

## Select Varieties for Hardy Gardens

**Those marked R Suitable for Rock Gardens**

**ACONITUM Napellus. MONKSHOOD** Dark blue, helmet-shaped flowers in spikes. Plants grow to 4 feet and flower in August. Satisfactory in partial shade.
**$1.50 for 3; $5.50 per doz.**

**ANCHUSA. BUGLOSS.** Blues are always desirable in border planting to neutralize vivid colors. Anchusa is particularly useful for this purpose, since the forget-me-not-like flowers are graceful and attractive.

**Anchusa italica, Dropmore.** Brilliant blue with very showy flowers. 4 to 5 feet.
**$1.35 for 3; $5 per doz.**

**A. myosotidiflora.** (R) Large, heart-shaped leaves and large sprays of tiny blue flowers in May or June. 1½ feet.
**$1.50 for 3; $5.50 per doz.**

**ANEMONE. WINDFLOWER.** Showy plants with decorative foliage and flowers on long, thin stems well above the green. A plant for woodsy soil in a sheltered spot that is sunny or partially shaded. A very valuable perennial for late bloom.

**Anemone hupehensis.** Pink or pale mauve flowers shaded with deeper pink on under side. Blooms from August on. 1 foot

**Margarete.** Double, dark pink flowers in September. 3 feet.

**Marie Manchard.** An excellent semi-double white with an abundance of flowers during late August and September.

**Rubrum.** Dark crimson flowers in September and October. 2 feet.

**September Charm.** The medium-sized flowers are pink, the plants 2 feet high.

**September Queen.** Semi-double, rose-red flowers in great numbers. 2 feet.

**Whirlwind.** Double white flowers in September. 2½ feet.

**Any of above: $1.75 for 3; $6.75 per doz.**

**COLLECTIONS**

**6 plants, 1 each of above, $3.25**
**18 plants, 3 each of above, $9.50**

**AQUILEGIA. COLUMBINE.** A graceful plant with intricate, long-spurred flowers high above the foliage. Particularly attractive planted with the German iris which bloom at the same time. Tolerant of partial shade.

**Super-spurred Colossal.** An outstanding strain with large flowers 5 to 6 inches across and spurs 4 inches long. Offered in a mixture, which includes a very wide range of colors.
**75c. each; $2 for 3; $7.50 per doz.**

**American Hybrids.** Magnificent stems often 40 inches tall, with immense long-spurred flowers in the finest rich and delicate shades. **$1.35 for 3; $5 per doz.**

### ASTER—Michaelmas Daisy

The huge masses of soft color produced by the hybrid fall asters are far superior to native species, beautiful as they are. Their main use is in background planting of the perennial border and for odd spots in the rock garden, where the dwarf varieties are ideal.

***Harrington's Perfected Pink.** A very fine soft pink aster, free flowering on 4 to 5-foot stems and blooming in September and October.

***Mt. Ranier.** Pure white flowers in September and October. 4 to 5 feet.

**Royal Pink.** Masses of bright pink flowers on 3½-foot plants.

**Little Boy Blue.** A dwarf variety 1½ feet high with semi-double, bright blue flowers.

**Mount Everest.** Pure white, pyramidal flower clusters of huge size. 4 feet.

**Peace.** Very large soft rosy mauve flowers on 3-foot stems. Superb in the garden and excellent as a cut flower. Blooms in September and October.

**Prosperity.** Showy pyramidal spikes of large, rose-pink flowers on 3 to 4-foot stems. Blooms in September and October.

***Queen Mary.** Very deep, rich blue flowers of large size accented by golden centers.

***Red Rover.** Deep rosy red with bright yellow centers. 3 to 4 feet.

**$1.35 for 3; $5 per doz.**

**COLLECTIONS**

**4 plants, 1 each marked *, $1.75**
**12 plants, 3 each marked *, $5.00**

**Aster Frikarti.** An aristocrat among the fall asters. The large blue flowers are abundantly produced on 2-foot plants from August to October.
**$1.65 for 3; $6.25 per doz.**

**Violetta.** A very outstanding aster that produces myriads of deep blue flowers on a single plant 3 feet high and broad. Blooms from August to October.
**$1.50 for 3; $5.50 per doz.**

### Dwarf Hybrid Asters. (R)

Dwarf plants a foot high are covered with flowers in August and September. Ideal for rock garden or foreground of a perennial border.

**Countess of Dudley.** Clear pink flowers on mound-shaped plants.

**Snowsprite.** Pure white.

**Victor.** Pale lavender-blue.

**$1.35 for 3; $5 per doz.**

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AQUILEGIA, Super-spurred Colossal

ASTER, Harrington's Perfected Pink

ANEMONE, Marie Manchard

BELL-FLOWER, Blue Spire

FOXGLOVE, Giant Shirley

## ASTILBE
## HERBACEOUS SPIRAEA

A basic perennial for border design, since the plants are compact, with attractive foliage, producing feathery spikes of flowers during June and July. Plants are most dependable when once established and will do well in partial shade or sun.

**Gloria Superba.** An abundance of deep pink flowers on 2-foot stems during June.

**Amethyst.** Deep violet-purple flowers on 2-foot plants in June.

**Deutschland.** Pure white.

**Fanal.** Large spires of vivid vermilion in June and July. 2 feet.

**60c each; $1.75 for 3; $6.75 per doz.**

**COLLECTIONS**

**4 plants, 1 each of above, $2.25**
**12 plants, 3 each of above, $6.50**

## BELLFLOWER
## CAMPANULA

In border composition campanulas add grace, late spring bloom, and desirable blues for contrast with the brighter colors.

**Campanula Medium.** Canterbury Bells. Cup-and-saucer type flowers in pink, blue, deep purple and white. Offered in mixed colors only. **$1.35 for 3; $5 per doz.**

**C. persicifolia, BlueSpire.** Double, broad blue flowers on sturdy stems 3 feet high during June and July. **65c. each; $1.85 for 3; $7 per doz.**

**C. persicifolia, Telham Beauty.** Very large blue flowers on 3-foot stems. July. **$1.35 for 3; $5 per doz.**

CARNATION, Hardy Garden

## CARNATION
### New Hardy Garden

Adapted for the garden because they are free flowering and sweetly fragrant. We obtained them by selecting from a very fine strain plants that produced large double flowers; many measured 2½ inches across, on long, wiry stems. Strong plants from 2½-inch pots. Red, pink, white and variegated.

**60c each; $1.75 for 3; $6 per doz.**

## CHRYSANTHEMUMS See page 74

## DIGITALIS
## FOXGLOVE

**Giant Shirley.** Long spikes of pendant, tubular flowers displayed during June should be prominent in border plantings as well as in wooded gardens offering partial shade. In mixed colors only, including pink, white, purple and yellow.

**$1.35 for 3; $5 per doz.**

HARDY FERNS

## DELPHINIUM
## PERENNIAL LARKSPUR

The regal spikes of delphinium in their rich shades of blue and purple are of great value in border design.

### Pacific Hybrids

A very choice strain, producing long spikes of large flowers on husky plants resistant to disease. 5 to 6 feet.

**Blue Jay.** Blue with gray overtones.

**King Arthur Series.** Royal violet.

**Guinevere Series.** Light lavender-pink.

**Summer Skies Series.** Clear light blue.

**Galahad Series.** Clear white.

**75c. each; $2 for 3; $7.50 per doz.**

**COLLECTIONS**

**5 plants, 1 each of above, $3.50**
**15 plants, 3 each of above, $9.00**

**Round Table.** A superb mixture of all Pacific Hybrid colors.
**60c. each; $1.75 for 3; $6 per doz.**

**Belladonna.** Clear turquoise-blue.
**$1.35 for 3; $5 per doz.**

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**DIANTHUS.** (R) **GARDEN PINKS.** Favorite garden subjects for border planting or for choice spots in the rock garden. Much loved for their sweet, spicy fragrance.

**Beatrix.** Light salmon-pink flowers on 9-inch plants from May to November.
**$1.35 for 3; $5 per doz.**

**Her Majesty.** Large, pure white, fragrant flowers on 12-inch stems in June.
**$1.35 for 3; $5 per doz.**

**Little Joe.** Brightness of the single crimson flowers, which bloom in profusion through the summer, is emphasized by gray-green foliage. **$1.35 for 3; $5 per doz.**

**New Blue.** Unusual dark green foliage and lavender-blue flowers resembling sweet william, borne freely on 9-inch stems. July to September.
**$1.50 for 3; $5.50 per doz.**

**FERNS, Hardy, for the Garden.** Given a soil rich in humus, shaded or partially shaded, and abundant moisture, ferns luxuriate and come up year after year.

**Adiantum pedatum.** Maidenhair Fern. Height 2 feet.

**Athyrium Filix-femina.** Lady Fern. Height 2 to 3 feet.

**Athyrium thelypteroides.** Silvery Spleenwort Fern. Height, 2 to 3 feet.

**Dennstaedtia punctilobula.** Hay-scented Fern. Height 1 foot.

**Dryopteris marginalis.** Leather Fern. Height 1 to 1½ feet.

**Dryopteris spinulosa.** Spine Fern. Height 1 to 1½ feet.

**Osmunda cinnamomea.** Cinnamon Fern. Height 3 to 4 feet.

**Osmunda Claytoniana.** Interrupted Fern. Height 4 feet.

**Polypodium vulgare.** Polypody Fern. Height 6 to 8 inches.

**Polystichum acrostichoides.** Christmas Fern. Height 1 to 2 feet.

**$1.35 for 3; $5 per doz.**

## FUNKIA
## HOSTA OR PLANTAIN LILY

A boon to gardeners seeking plant material for shaded areas. Although not spectacular, the coarse, heavy foliage is attractive, and the flowers, borne in clusters at the end of sturdy stems, add some color during a prolonged season.

**Funkia lanceolata albo-marginata.** Green-white variegated leaves and blue flowers. 2 feet. **$1.35 for 3; $5 per doz.**

**F. subcordata cærulea.** Leaves are deep green, 10 inches long and 6 inches wide. Flowers are blue, fragrant. 2½ feet. August. **$1.35 for 3; $5 per doz.**

**F. subcordata grandiflora.** Large leaves of refreshing, glossy green and large spikes of pure white flowers. **75c each; $2 for 3; $7.50 per doz.**

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**GERBERA. TRANSVAAL DAISY.** Daisies with long stems and decorative slim petals in shades of red, orange, rose and yellow. Compact basal leaves. Excellent for cutting. July to October.

**Gerbera Jamesoni Hybrids, Single.** A very fine blend of mixed colors. **$1.75 for 3; $6.75 per doz.**

**G. Jamesoni Hybrids, Double.** Double flowers in a wide assortment of pastel shades. **90c each; $2.60 for 3; $10 per doz.**

**GYPSOPHILA, Bristol Fairy. BABY'S BREATH.** Vast numbers of small white double flowers on 4-foot, well-branched plants create a light, lacy appearance in border planting, neutralizing bold colors. A delicate foil for flower arrangements.

**1-yr. pot plants, $1.50 for 3; $5.50 per doz.**
**2-yr. plants, 75c. each; $2.15 for 3; $8.25 per doz.**

**HELLEBORUS niger. CHRISTMAS ROSE.** A choice companion plant for smaller broad-leaved evergreens, enjoying rich soil and partial shade in a sheltered position. Favored with a permanent location, their large, greenish white flowers will be more and more abundant. December—March. Foliage is large, dark green and leathery. 1 to 1½ feet.
**$1.50 each; $4.25 for 3; $16.50 per doz.**

**HEUCHERA.** (R) **CORAL-BELLS.** Long blooming season. The delicate grace of coral-bells, blooming over a long period, has won for them great favor. Often useful in a narrow space with sun or partial shade where large perennials are prohibitive. June to August.

**Bloom's Variety.** Good-sized, red flowers on 18-inch stems. The foliage is mottled. **$1.35 for 3; $5 per doz.**

**Oakington Jewel.** Another variety with mottled foliage, vigorous spikes of coral-pink. **$1.35 for 3; $5 per doz.**

**Dicentra Spectabilis.** Dainty pink, heart-shaped flowers clinging to their curved stems above a mass of deeply cut leaves to add border interest in the lushest part of spring.
**75c each; $2.15 for 3; $8.25 per doz.**

## HEMEROCALLIS
## THE LOVELY DAYLILY

Daylilies have soared to a greater popularity than ever since the development of varieties that cover a wide range of colors and bloom successively over a long period.

**August Pioneer.** Medium-sized, chrome-yellow flowers flushed red and blooming in July and August. 42 inches.

**Burgundy.** Deep burgundy-red flowers in July, borne on stems 2½ to 3 feet high.

**D. D. Wyman.** Large; golden yellow with brown bars. Stems 3 feet. Blooms in mid-June.

**Goldeni.** Yellow-gold. Blooms in early June on 3-foot plants.

**Mikado.** Orange with purple shading, flowering in June and July on 36-inch stems.

**Ophir.** Tall, lemon-yellow blooms on 4-foot stems in late June.

**Patricia.** An outstanding, fragrant, pale yellow daylily with green throat and 30-inch stems. July and August.

**Red King.** Light red. 3½ feet tall. July.

**Theron.** Bright red flowers in July on 2½ to 3-foot stems.

**The Gem.** Pale gold, flowering in mid-June. 3 feet.
**$1.50 for 3; $5.50 per doz.**

**Hyperion.** Very large, lemon-yellow flowers during July and August.
**75c each; $2 for 3; $7.50 per doz.**

**Francis Marion Series.** A rich mixture of the best reds, maroons and purples with bold patterns and no yellow or orange varieties. Blooming period is varied, to give a long season of bloom.
**75c each; $2 for 3; $7.50 per doz.**

**Jacob Murray Series.** Dark daylilies in a mixture including maroon, mahogany, rose, tan and bicolors. An unusual assortment varying in height and time of bloom.
**65c each; $1.75 for 3; $6.50 per doz.**

**Sunshine Series.** The better new varieties in a mixture of lemon, gold and light shades—unnamed.
**$1.50 for 3; $5.50 per doz.**

## HIBISCUS, ROSE MALLOW

Plants 5 to 6 feet high, bearing 6 to 8-inch flowers of the hollyhock type in August. Very valuable for late summer color.

**Mallow Marvels.** A mixture of red, pink and white. 4 to 5-inch flowers.
**$1.35 for 3; $5 per doz.**

**HOLLYHOCK.** *Althæa rosea.* Familiar, tall, 6 to 8-foot spikes with closely set, wide open flowers effective by themselves against a building or wall or featured at the back of a border. July and August flowering.

**Haile Selassie.** The Black Hollyhock. Large, dark chocolate-colored flowers with contrasting yellow stamens.
**$1.50 for 3; $5.50 per doz.**

**Double Hollyhocks** **Superb Mixture**
**Newport Pink** **White**
**Scarlet** **Yellow**
**$1.35 for 3; $5 per doz.**

HEUCHERA, CORAL-BELLS

DOUBLE HOLLYHOCK

HIBISCUS, ROSE MALLOW

**Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% of your order value for packing and postage to points within the 4th zone and 20% to points beyond the 4th zone.**

Mrs. P. S. du Pont

Group of New and Outstanding

## EARLY CHRYSANTHEMUMS

Shown on opposite page

**SPECIAL OFFER**
**1 each of following 8 varieties $5**

**Betty.** An entrancing variety. Fully double, perfectly formed flowers of soft salmon-pink, 3 inches or more across. The flowers are long lasting and the 2-foot plant is pyramidal in shape.
**60c each; $1.60 for 3; $6 per doz.**

**Burgundy.** Great double flowers of perfect form and depth in that rarest of colors —glowing wine-red. A strong-stemmed, branching plant.
**50c each; $1.40 for 3; $5 per doz.**

**Carnival.** A well-named variety—a superb color for border or for cutting. Brilliant burnt-orange and bronze flowers of heavy texture on 2½-foot plants. Early October. **75c each; $2 for 3; $7.50 per doz.**

**Golden Hours.** Deep lemon-yellow, compact blossoms with slightly incurved petals, 2½ inches across and blooming in mid-September. 2 feet.
**75c each; $2 for 3; $7.50 per doz.**

**Huntsman.** Bright scarlet-orange overlaid with bronze. Three-inch flowers on 2½-foot plants.
**60c each; $1.60 for 3; $6 per doz.**

**Masquerade.** Great abundance of ball-shaped flowers of exotic color. They open a stunning silvery rose with dark center, and as the flowers mature they mellow to deep lavender.
**75c each; $2 for 3; $7.50 per doz.**

**Misty Maid.** A new variety that will appeal to lovers of soft colors. The buds are deep rose-pink, but when the flower is fully developed it is a delicate shell-pink. The 3-inch informal blooms are borne in huge airy sprays with fine stems. An ideal cut flower.
**$1 each; $2.75 for 3; $10 per doz.**

**Sincerity.** Lavender-pink as buds open, then becoming pure white with a pearly cast. Masses of 3-inch flowers from late September on 2½-foot plants.
**75c each; $2 for 3; $7.50 per doz.**

# *Chrysanthemums*

Few flowers will produce the show that can be achieved in a border of chrysanthemums properly planted, pinched back frequently until the middle of July, feed and watered generously, and protected from insects and diseases. Plants should be mulched during winter.

**Bokhara.** Rich rosy crimson shaded to wine and possessing the matchless tones of Bokhara rugs. Very hardy, 2-foot plants blooming in October.

**Burma.** Sturdy, 2-foot plants are covered with glistening bronze flowers faintly tinted copper and soft pink by late September.

**Butterball.** Lemon-yellow. 18 inches.

**Charles.** Large, 2½ to 3-inch, buttercup-yellow flowers on 2-foot plants.

**Dean Kay.** A fine rose-pink. 2 to 2½ feet.

**Eugene Wander.** Bright golden yellow flowers in bloom by mid-September. Blooms are of excellent form and may be 4 to 4¼ inches across.

**Fred F. Rockwell.** One of the very finest new chrysanthemums. Dazzling bronze and orange-scarlet flowers about October 1 on 2-foot plants. Flowers are definitely frost resistant.
**60c each; $1.50 for 3; $5.50 per doz.**

**Glacier.** Low, 2-foot plant with large white flowers. Mid-September.

**Harmony.** Strawberry-pink. 18 inches.

**Lavender Lady.** Double flowers of soft lavender 3 inches wide, on plants 2½ feet high. Blooms in early October.

**Moonbeams.** Huge sprays of soft primrose-yellow blossoms 3½ inches in diameter, on 2½ to 3-foot plants. Recommended especially for use with darker colors. Blooms in early October.
**60c each; $1.50 for 3; $5.50 per doz.**

**Morning Glow.** Dark pink in the center, shading to shell-pink at the edges. Flowers 1½ to 2 inches, on 2-foot plants.
**60c each; $1.50 for 3; $5.50 per doz.**

**Mrs. P. S. du Pont.** Soft peach-pink with salmon-fawn overtones. A color difficult to describe but very beautiful.

**My Lady.** Orange-yellow. 2 feet.

**Red Velvet.** The best red. Rich crimson blooms in early October on very hardy, 2-foot plants.

**Tapestry.** Opens rich pink and changes to rose. Flushed with gold at the center. Three-inch flowers on 2-foot plants.

**Waterlily.** Semi-double, pure white. 18 inches.

**Welcome.** Mallow-purple. 2 feet.

**Any of above, except where specially noted, 50c each; $1.25 for 3; $4.50 per doz.**

The Bird Chrysanthemums

## CUSHION CHRYSANTHEMUMS

September-blooming chrysanthemums with a broad, mound-shaped habit and flowers in great quantities. Plants about a foot high and spreading to 2 feet.

**Bronze** **Yellow** **White**
**Red** **Pink**

**50c. each; 3 for $1.25; $4.50 per doz.**

## SINGLE CHRYSANTHEMUM

**Kristina.** Large, brilliant red.
**50c each; 3 for $1.25; $4.50 per doz.**

## POMPON CHRYSANTHEMUMS

Standard Sorts

**Harbor Lights.** Sparkling pale primrose-yellow and white blend.

**Irene.** Plants may have as many as 300 buttons on long, stiff stems. 2½ feet. October.
**50c each; $1.25 for 3; $4.50 per doz.**

## MAXIMUM CHRYSANTHEMUMS

Shasta Daisy

Flowers are very valuable for cutting, but the plants may be effectively used in perennial borders for bloom during June and July.

**Majestic.** Enormous, saucer-size flowers produced freely on long stems.
**75c each; $2.15 for 3; $8.25 per doz.**

**Esther Reed.** Large, double white flowers on sturdy stems. Their long season of bloom is very valuable in perennial borders. 1½ feet.
**$1.65 for 3; $6.25 per doz.**

## BIRD CHRYSANTHEMUMS

Superior Strain of Early-Flowering Pompons

This new strain is a full two to three weeks earlier than the standard sorts. The flowers are produced in loose, finely proportioned sprays, which are ideal for decorative arrangements.

**Lark.** Clear rose-pink with lighter reverse. A fine upright grower. About 30 inches.

**Oriole.** A fine dwarf variety. The flowers are bright yellow and are produced in abundance.

**Robin.** Extremely showy. The flowers are somewhat quilled, the outer part being bright yellow and the center deep crimson. 24 inches.

**Snowbird.** Lovely pure white with creamy center. A magnificent cut flower.

**Tanager.** The beautiful deep rich red blossoms, which show a gold reverse, are majestically poised on fine long stems. 30 inches.

**Thrush.** A favorite for its dwarf compact habit and great profusion of golden yellow flowers which are tipped reddish bronze.
**50c each; $1.25 for 3; $4.50 per doz.**

**The Set of Six: One each of the above, $2.50.**

**BETTY**
60c each; $1.60 for 3; $6 per doz.

## Chrysanthemums

**Up-to-the-Minute Varieties**

Chrysanthemum breeders have excelled themselves this year in bringing us the finest group of colorful varieties we have ever offered to the gardeners of America.

**MISTY MAID**
$1 each; $2.75 for 3; $10 per doz.

**HUNTSMAN**
60c each; $1.60 for 3; $6 per doz.

**MASQUERADE**
75c each; $2 for 3; $7.50 per doz.

**GOLDEN HOURS**
75c each; $2 for 3; $7.50 per doz.

**SINCERITY**
75c each; $2 for 3; $7.50 per doz.

**CARNIVAL**
75c each; $2 for 3; $7.50 per doz.

**BURGUNDY**
50c each; $1.40 for 3; $5 per doz.

**ORIENTAL POPPIES**

**Grand Mogul.** Crimson-scarlet. **Mrs. Perry.** Salmon-pink
75c each; $2 for 3; $7.25 per doz.

**NEW PHLOX, BRIGHT EYES**

The florets are extraordinarily large, possibly the biggest of any phlox. Brilliant red with darker eye.

**$1.50 for 3; $5.50 per doz.**

**Blue Jay** **King Arthur** **Guinevere** **Summer Skies**

**Delphinium, Pacific Hybrids.** World's finest strain, producing long spikes of large flowers on strong, 5 to 6-foot plants resistant to disease.

**Blue Jay.** Blue with gray overtones.
**Galahad Series.** Clear white.
**Guinevere Series.** Light lavender-pink.
**King Arthur Series.** Royal violet.
**Summer Skies Series.** Clear light blue.

**Above Pacific Hybrids, 75c each; $2 for 3; $7.50 per doz.**

**LUPINE, Russell.** Heavy spikes of closely packed flowers in a great diversity of colors and combinations. 3 to 5 feet. June, July.

**$1.50 for 3; $5.50 per doz.**

## IRIS
## GIANT BEARDED or GERMANICA

Although at their best for a short time during May or June, there is no more beautiful flower. Most effective when planted in groups of at least three.

**Ambassadeur.** Standards of rosy lilac; rich reddish purple falls.

**Antigone.** Dykes Medal winner. A superior deep yellow self. 36 inches high.

**Black Douglas.** Rich velvety violet of fine form and substance on 30-inch stems.

**Dazzler.** Deep rose color and very fragrant.

**E. B. Williamson.** Shimmering metallic copper-red flowers of fine texture.

**Flora Zenor.** A splendid cameo-pink iris of exquisite form, borne on 40-inch stems. A choice subject for any garden.

**Great Lakes.** A Dykes Medal winner and recommended as one of the very best light blue iris. Flowers are of good size.

**Gudrun.** Another Dykes Medal winner and considered by many to be the very best white iris. Flowers are very large.

**Indian Chief.** A large red with bronze overcast.

**Pioneer.** Rich red-purple.

**Queen Catherine.** Very large, pale lavender flowers.

**Royal Splendor.** Bluish purple.

**Sable.** Deep black-violet with contrasting blue beard. Large flowers.

**Wabash.** White standards with deep violet falls bordered white. Tall, well-branched stems.

**$1.50 for 3; $5.50 per doz.**

**Mixture.** Choice varieties, not named.
**$1.25 for 3; $4.50 per doz.**

## DWARF IRIS (R) · IRIS PUMILA

Small iris blooming during April and May, suitable for narrow borders or rock-garden planting. Height 8 inches.

**Excelsa.** Pale lemon-yellow.

**Sambo.** Dark violet-blue.

**Schneekuppe.** Showy white.

**$1.35 for 3; $5 per doz.**

## ORIENTAL IRIS
## IRIS KAEMPFERI

For later bloom during June and July.

**Ruby King.** Double; ruby-crimson.

**Blue Queen.** Deep blue, veined yellow.

**La Favorite.** Double; white, veined blue.

**Mrs. George Stumpp.** Single; white with lavender center.

**Painted Lady.** Single; pink and white.

**Pyramid.** Tall. Dark violet-purple, yellow blotch.

**60c. each; $1.50 for 3; $5.50 per doz.**

## SIBERIAN IRIS · IRIS SIBIRICA

June-flowering iris with small standard and broad falls. Very decorative for arrangements.

**Emperor.** Dark violet-blue.

**Perry's Blue.** Intense clear color.

**Snow Queen.** Pure white.

**$1.35 for 3; $5 per doz.**

## RUSSELL LUPINES
## GOLD MEDAL STRAIN

Heavy spikes of closely packed flowers in a great diversity of colors and combinations. The strain is a notable horticultural achievement and far superior to any previous strains. Stems 3 to 5 feet, blooming in June and July.

**$1.50 for 3; $5.50 per doz.**

**LUPINUS polyphyllus. LUPINE.** Long spikes of pea-shaped flowers in June and July. Partial shade and well-drained soil free from lime is preferred. The foliage is very decorative.

**Blue Shades** — **Red Shades**
**Rose Shades** — **White**
**Mixed Shades**

**$1.35 for 3; $5 per doz.**

## ORIENTAL POPPY
## PAPAVER ORIENTALE

Large, showy flowers of oriental poppies and the extreme hardiness of well-established plants make them ideal for the perennial border. Flowers in June and July.

**Cerise Bedder.** Rich sparkling cerise flowers 4 to 6 inches across, with two rows of petals.

***Grand Mogul.** Large, crimson-scarlet flowers on 2½-foot stems.

**Little Shrimp.** Miniature poppies 1 foot high producing small, pale pink flowers in profusion.

**Mrs. Perry.** Salmon-pink.

***Perry's White.** Immense, pure satiny white blooms with a crimson-maroon blotch at the base of each petal. 3 feet.

***Pink Lassie.** Large, pale pink flowers.

**75c each; $2 for 3; $7.25 per doz.**

**COLLECTIONS**

**3 plants, 1 of each marked *, $2.00**
**9 plants, 3 of each marked *, $5.50**
**18 plants, 6 of each marked *, $10.00**

**PEONIES.** Indispensable for the broad perennial border, where the large, lush flowers provide an unequaled show for late spring.

**Felix Crousse.** Large, deep rose, compact, globular flowers with stamens entirely hidden. A plummet-shaped center circled with broad guard petals. Late.

**$1.25 each; $3.50 for 3; $13 per doz.**

**Festiva Maxima.** A long-established standard white variety still in great demand. The crimson flecks in the center are a characteristic of this large, full peony which blooms early.

**$1.25 each; $3.50 for 3; $14 per doz.**

**Karl Rosenfield.** Heads the list of early reds with large, globular, rich crimson flowers on vigorous, free-blooming plants.

**$1.50 each; $4 for 3; $15 per doz.**

**Mons. Jules Elie.** Immense, flesh-pink flowers with color deepening at petal bases. Large guard petals surround a ball of incurved petals the same color. Plants are medium tall and bloom early.

**$1.50 each; $4 for 3; $15 per doz.**

**Double Peonies by Color.** Red, pink, white and mixed.

**$1 each; $2.50 for 3; $8.50 per doz.**

A Border of Hardy Phlox

## HARDY PHLOX
## PHLOX DECUSSATA

Blooming soon after delphinium and peonies, phlox is a basic perennial for border design, the heavy masses of flowers providing a spectacular show of color during July and August.

**A. L. Schlageter.** Scarlet-red. Midseason; highly recommended. 2½ feet.

**Bright Eyes.** The florets are extraordinarily large, possibly the biggest of any Phlox. Brilliant red with darker eye.

**Chesapeake.** A low-growing, 15-inch phlox with large flower heads of Tyrian rose, silvery white underneath, florets are 1⅛ inches across.

**Dr. Klemm.** A showy, silvery lavender phlox with a violet eye. Blends beautifully with other pastel colors.

**Daily Sketch.** Huge mounds of large, salmon-pink florets with contrasting crimson-rose centers. Very husky plants.

**Eva Foerster.** Salmon-pink with a light eye. Extremely large and late flowering. 2 feet.

**Flash.** Distinctive cherry-carmine flowers on 2-foot stems. Midseason.

**Mary Louise.** The best white phlox, very effective when used in combination with brilliant color. Plants 2½ feet.

**Orange Beauty.** Orange-red flowers late in the season. 2½ feet.

**Prime Minister.** Sparkling white phlox accented with red eye. Midseason. 2 feet.

**$1.50 for 3; $5.50 per doz.**

**COLLECTIONS**

**10 plants, 1 each of above, $4.50**
**30 plants, 3 each of above $13.00**

### New English Phlox

**SIR JOHN FALSTAFF.** Unquestionably the largest phlox we have ever seen, with florets almost 2 inches across and massive flower trusses. Color a luminous deep salmon-pink. Very vigorous. 24 to 30 inches.

**$1 each; $2.75 for 3; $10 per doz.**

**P. suffruticosa, Miss Lingard.** (R) A June-flowering phlox that develops broad clumps with heavy panicles of large white flowers on 2½-foot stems.

**$1.35 for 3; $5 per doz.**

# *More Popular* HARDY PERENNIAL PLANTS

The beauty of the perennial border depends on using a wide variety of plants to insure flowers from earliest spring until late fall in a sufficiently large color range to give an interesting change from month to month. The varieties we offer have proved to fill this need, and the way they are presented makes it easy for any gardener to plan the perennial border for a continuity of flowers from spring to frost with any color predominating.

| Variety | Common Name | Height | Color | Time of Bloom | Location | Soil | Uses |
|---|---|---|---|---|---|---|---|
| **Achillea Ptarmica, The Pearl** | *Milfoil or Yarrow* | 1½ ft. | White | All Summer | Sun | Dry | Massing and Cutting |
| **Alyssum saxatile** | *Golden Tuft* | ¾ ft. | Yellow | Spring | Sun | Drained | Border or Rockery |
| **Ajuga reptans, Blue** | *Bugle-flower* | 4 in. | Deep Blue | May–June | Sun or Shade | Any | Rock Garden |
| **Ajuga, Pink Spire** | *Bugle* | 6–9 in. | Pink | June–July | Sun or Shade | Any | Border or Ground Cover |
| **Arabis alpina** | *Rock-Cress* | ½ ft. | White | April–May | Sun | Any | Border or Rockery |
| **Artemisia, Silver King** | *Silver Sage Brush* | 2–3 ft. | Silver Foliage | Sept.–Nov. | Sun | Any | Massing and Cutting |
| **Baptisia australis** | *False Indigo* | 3 ft. | Blue | June–July | Part Shade | Any | Border or Wild Garden |
| **Boltonia latisquama** | *Thousand Flower Aster* | 3–5 ft. | Light Pink | Sept.–Oct. | Sun | Any | Massing and Cutting |
| **Campanula carpatica** | *Carpathian Harebell* | ¾ ft. | Blue | June–Oct. | Part Shade | Rich | Edging or Rockery |
| **Coreopsis, Double Sunburst** | *Tickseed* | 2 ft. | Golden Yellow | July–Aug. | Sun | Any | Border |
| **Dianthus barbatus, Auricula-eyed** | *Sweet William* | 1–1½ ft. | Reds and Pinks with White Eye | June | Sun | Any | Border |
| **Dianthus, Pink Beauty** | *Sweet William* | 1–1½ ft. | Strawberry-Pink | June | Sun | Any | Border |
| **Dianthus, Scarlet Beauty** | *Sweet William* | 1–1½ ft. | Scarlet | June | Sun | Any | Border |
| **Doronicum excelsum** | *Leopard's Bane* | 2 ft. | Yellow | May | Sun | Any | Border and Cutting |
| **Eupatorium coelestinum** | *Hardy Ageratum* | 2 ft. | Blue | Aug.–Oct. | Sun | Any | Border or Cutting |
| **Gaillardia, Goblin** | *Blanket Flower* | 2 ft. | Yellow | July–Nov. | Sun | Med. to Rich. | Border and Cutting |
| **Gaillardia hybrid** | *Blanket Flower* | 2 ft. | Mixed | July–Nov. | Sun | Med. to Rich. | Border and Cutting |
| **Geum, Fire Opal** | *Avens* | 1½ ft. | Bright Red | June–Aug. | Sun | Rich | Border, Showy |
| **Helianthus multiflorus** | *Double Sunflower* | 4 ft. | Yellow | Aug.–Oct. | Sun | Any | Massing and Naturalizing |
| **Iberis sempervirens** | *Hardy Candytuft* | ¾–1 ft. | White | Spring | Sun | Drained | Edging or Rockery |
| **Lavandula nana compacta, Munstead Strain** | *Lavender* | 1 ft. | Dark Blue | July | Sun | Drained | Border and Cutting |
| **Liatris pycnostachya** | *Gay Feather* | 4 ft. | Purple | Summer | Sun | Any | Border and Cutting |
| **Linum perenne** | *Flax* | 1½ ft. | Light Blue | June–Fall | Sun | Any | Border |
| **Lobelia cardinalis** | *Cardinal Flower* | 2–3 ft. | Scarlet | Aug.–Sept. | Part Shade | Moist | Border and Waterside |
| **Monarda didyma** | *Oswego Tea* | 2–3 ft. | Scarlet | July–Aug. | Sun | Any | Border |
| **Myosotis palustris semperflorens** | *Forget-me-not* | 6 in. | Soft Blue | June–Sept. | Sun | Any | Border or Naturalizing |
| **Nepeta Mussini** | *Ground Ivy* | 9 in. | Blue | June | Sun, Part Shade | Any | Rockery |
| **Pentstemon, Firebird** | *Beard-Tongue* | 1½ ft. | Red | All Summer | Sun | Any | Border and Cutting |
| **Phlox divaricata canadensis** | *Canadian Phlox* | 1 ft. | Light Blue | May | Sun or Shade | Rich | Edging and Rockery |
| **Phlox subulata alba** | *Moss or Mt. Pink* | 6 in. | White | May | Sun | Any | Terrace or Rockery |
| **Phlox subulata, G. F. Wilson** | *Moss or Mt. Pink* | 6 in. | Mauve | May | Sun | Any | Terrace or Rockery |
| **Phlox subulata rubra** | *Moss or Mt. Pink* | 6 in. | Crimson | May | Sun | Any | Terrace or Rockery |
| **Phlox subulata, Vivid** | *Moss or Mt. Pink* | 6 in. | Deep Pink | May | Sun | Any | Terrace or Rockery |
| **Physostegia virginiana** | *False Dragonhead* | 3½ ft. | Pink | July–Sept. | Sun | Any | Border |
| **Platycodon grandiflorum** | *Balloon Flower* | 1½ ft. | Blue | June–Oct. | Sun | Rich | Border and Cutting |
| **Plumbago Larpentiæ** | *Leadwort* | 9 in. | Steel-Blue | July–Oct. | Sun | Any | Border and Rockery |
| **Primula elatior** | *Oxlip Primrose* | 6–9 in. | Assorted | April–Oct. | Sun, Part Shade | Moist | Woodland or by Pools |
| **Primula denticulata** | *Himalayan Primrose* | 1 ft. | Lavender | April–May | Sun, Part Shade | Moist | Woodland or by Pools |
| **Primula japonica** | *Japanese Primrose* | 2 ft. | Pink to Crim. | June–Muly | Sun, Part Shade | Moist | Woodland or by Pools |
| **Pyrethrum hybridum** | *Persian Daisy* | 1½ ft. | Assorted | Summer | Sun | Any | Border and Cutting |
| **Rudbeckia, Golden Glow** | *Golden Glow* | 6 ft. | Yellow | July–Oct. | Sun | Any | Border Background |
| **Rudbeckia purpurea** | *Cone Flower* | 3 ft. | Red-Purple | July–Oct. | Sun | Any | Border and Cutting |
| **Salvia farinacea** | *Mealycup Sage* | 2 ft. | Light Blue | July–Sept. | Sun | Any | Border |
| **Santolina incana** | *Lavender Cotton* | 6–9 in. | Gray Foliage Yellow Flowers | Summer | Sun | Any | Edging or Rockery |
| **Scabiosa caucasica** | *Blue Bonnet* | 1½–2 ft. | Lavender | June–Sept. | Sun | Any | Border and Cutting |
| **Sedum acre** | *Goldmoss* | 3–4 in. | Bright Yellow | June–July | Sun | Any | Between Flagstones and Rockery |
| **Sedum lydium** | *Lydian Stonecrop* | 3–4 in. | Pink | June | Sun | Any | Rockery |
| **Sedum Middendorfflanum** | *Middendorf Stonecrop* | 6–9 in. | Yellow | June–July | Sun | Any | Rockery |
| **Sedum spectabile** | *Brilliant Stonecrop* | 1½ ft. | Rose | July–Nov. | Sun | Light | Border and Rockery |
| **Stokesia cyanea** | *Cornflower Aster* | 1½ ft. | Blue | June–Oct. | Sun | Any | Border and Cutting |
| **Teucrium Chamædrys** | *Germander* | 1 ft. | Rose | July–Aug. | Sun | Any | Edging and Rockery |
| **Thalictrum glaucum** | *Meadow-Rue* | 4 ft. | Pale Yellow | July | Sun or Shade | Any | Border |
| **Thermopsis caroliniana** | *Aaron's Rod* | 3 ft. | Yellow | July | Sun | Any | Border Background |
| **Thymus Serpyllum** | *Mother-of-Thyme* | 2 in. | Rose | June | Sun | Any | Between Flagstones and Rockery |
| **Tritoma Pfitzerl** | *Torch Lily* | 2½–3 ft. | Orange-Scarlet | Aug.–Nov. | Sun | Drained | Edging or Border |
| **Verbena Maonetti** | *Vervain* | 6 in. | White and Pink | Summer | Sun | Drained | Rockery |
| **Veronica incana nana** | *Speedwell* | 6–9 ft. | Blue | July–Aug. | Sun | Any | Border |
| **Veronica subsessilis** | *Speedwell* | 2–3 ft. | Deep Blue | July | Sun | Any | Border |
| **Veronica spicata** | *Speedwell* | 3 ft. | Blue | August | Sun | Any | Border Background |
| **Viola odorata, Royal Robe** | *Sweet Violet* | 6–9 in. | Violet-Blue | April–May | Part Shade | Any | Border and Cutting |
| **Viola odorata, Rosina** | *Pink Violet* | 6 in. | Rose-Pink | April–May | Part Shade | Any | Border and Cutting |
| **Viola odorata, Frey's Fragrant** | *Purple Violet* | 6–9 in. | Deep Purple | April – May, Fall | Part Shade | Any | Border and Cutting |
| **Viola odorata, Snow Queen** | *White Violet* | 6–9 in. | White | April–May | Part Shade | Any | Border and Cutting |
| **Viola cornuta Jersey Gem** | *Tufted Pansy* | 6–9 in. | Rich Violet | May–June | Part Shade | Any | Edging and Cutting |
| **Viola cornuta, White Perfection** | *Tufted Pansy* | 6–9 in. | Pure White | May–June | Part Shade | Any | Edging and Cutting |
| **Yucca filamentosa** | *Adam's Needle* | 4–6 ft. | White | Summer | Sun | Limy | Border and Specimen. |

**Any of above, $1.35 for 3; $5 per doz.; $37.50 per 100**

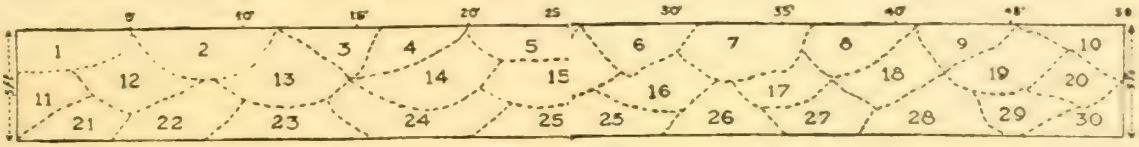
Purchaser pays transportation charges on plants. **If you wish your order sent by Parcel Post, please add 10% of your order value for packing and postage to points within the 4th zone and 20% to points beyond the 4th zone.**

# *Imperishable Border* Collection of 100 Selected Hardy Perennial Plants

*Our Pamphlet Plans for Perennial Gardens and Cultural Information Sent with Every Order*

A typical hardy perennial border, composed of plants included in our collection. For such a border, measuring 5 by 50 feet, 100 plants are required. Listed below are 30 varieties of perennials differing in height and color and producing a succession of flowers. Number of each kind is indicated. When arranged according to the numbered key, a colorful border results. Orders for varieties which are out of stock when orders are received will be filled with the nearest possible substitute

**100 Plants**




**Only $29.95**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **Lobelia cardinalis** | 1 | 4 | **Delphinium** | 7 | 3 | **Achillea, The Pearl** | 13 | 4 | **Aquilegia** | 19 |
| 4 | **Digitalis** | 2 | 3 | **Helianthus multiflora** | 8 | 3 | **Pyrethrum hybridum** | 14 | 3 | **Papaver orientale** | 20 |
| 3 | **Anchusa italica** | 3 | 3 | **Baptisia australis** | 9 | 3 | **Physostegia, Vivid** | 15 | 3 | **Alyssum saxatile** | 21 |
| 2 | **Boltonia latisquama** | 4 | 3 | **Gypsophila** | 10 | 3 | **Hemerocallis** | 16 | 4 | **Dianthus** | 22 |
| 3 | **Rudbeckia purpurea** | 5 | 3 | **Anemone japonica** | 11 | 3 | **Coreopsis** | 17 | 4 | **Funkia, variegated** | 23 |
| 3 | **Hibiscus** | 6 | 4 | **Gaillardia hybrid** | 12 | 4 | **Campanula medium** | 18 | 3 | **Heuchera sanguinea** | 24 |

| | | | |
|---|---|---|---|
| 4 | **Plumbago Larpentiae** | 25 | |
| 4 | **Arabis alpina** | 26 | |
| 3 | **Monarda didyma** | 27 | |
| 4 | **Iberis** | 28 | |
| 3 | **Scabiosa** | 29 | |
| 4 | **Phlox subulata, Pink** | 30 | |

## A 30-ft. Cut-Flower Border of Hardy Perennials. 60 plants only $19.95

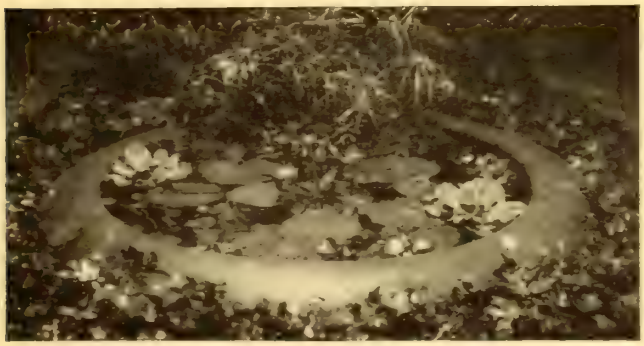
*Cultural Instructions Sent with Order*

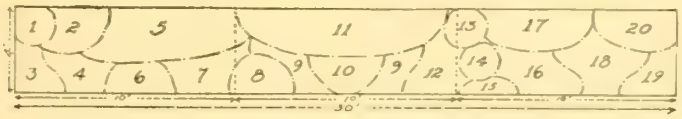
| | | Key | | | Key |
|---|---|---|---|---|---|
| 3 | **Aster, Queen Mary** | 1 | 6 | **Delphinium, Pacific** | 11 |
| 3 | **Iris, Pioneer** | 2 | 3 | **Verbena** | 12 |
| 2 | **Lavandula, Munstead** | 3 | 1 | **Artemisia, Silver King** | 13 |
| 3 | **Gaillardia Hybrids** | 4 | 2 | **Heliopsis incomparabilis** | 14 |
| 3 | **Hemerocallis, J. Crawford** | 5 | 3 | **Scabiosa** | 15 |
| 2 | **Anemone, Sept. Charm** | 6 | 3 | **Doronicum excelsum** | 16 |
| 3 | **Chrysanthemum, Kristina** | 7 | 3 | **Tritoma, S. & W. Hybrids** | 17 |
| 3 | **Stokesia** | 8 | 2 | **Campanula, Telham Beauty** | 18 |
| 6 | **Dianthus, Beatrix** | 9 | 3 | **Chrysanth., Esther Reed** | 19 |
| 3 | **Coreopsis** | 10 | 3 | **Helianthus** | 20 |

## A 30-ft. Perennial Border for Partial Shade. 60 plants only $22.95

*Cultural Instructions Sent with Order*

| | | Key | | | Key |
|---|---|---|---|---|---|
| 3 | **Aster, Violetta** | 1 | 6 | **Digitalis, Giant Shirley** | 11 |
| 3 | **Iris, Indian Chief** | 2 | 3 | **Aster, Royal Pink** | 12 |
| 2 | **Funkia** | 3 | 1 | **Dicentra spectabilis** | 13 |
| 2 | **Phlox, A. L. Schlageter** | 4 | 2 | **Coreopsis** | 14 |
| 3 | **Liatris** | 5 | 3 | **Primula japonica** | 15 |
| 2 | **Primula** | 6 | 3 | **Aster, Little Boy Blue** | 16 |
| 3 | **Plumbago larpentiæ** | 7 | 3 | **Hemerocallis** | 17 |
| 3 | **Anemone, September Charm** | 8 | 3 | **Iris, Antigone** | 18 |
| 6 | **Ajuga** | 9 | 3 | **Nepeta Mussini** | 19 |
| 3 | **Dicentra eximia** | 10 | 3 | **Veronica spicata** | 20 |






## PORTABLE GARDEN POOL WITH PLANTS

Made of plastic material, it is inexpensive, practically indestructible, and adaptable to all locations. Without plants, it makes an excellent wading pool. Available with either one of two collections of water plants—or alone.

**COLLECTION NO. 1**

- **1 55-in. Pool**
- **1 Beautiful Water-Lily**
- **5 Floating Plants**
- **4 Shallow-Water Plants**
- **3 Bog Plants**
- **4 Oxygenating Plants**
- **8 Snails**

**All for only $19.95**

**55-in. POOL only $9.95**

**COLLECTION NO. 2**

- **1 55-in. Pool**
- **2 Floating Plants**
- **2 Shallow-Water Plants**
- **2 Oxygenating Plants**
- **4 Snails**

**All for only $13.95**

**(Purchaser pays transportation)**

## HARDY POOL ASSORTMENT $10 *Ready April 10*

Suitable for a pool about 30 square feet in area. One each: Water-Lily, Gloriosa (red), Gladstone (white) and Pink Opal. Also the following aquatic plants:

5 plants for a centerpiece or background — 3 floating plants
12 plants for corners or margins — 3 submerged plants

**Bog and Marsh Plants**

**Water Poppy.** *Hydrocleys nympboides.* 75c for 3; $2.50 per doz.
**Marsh Iris.** *Iris versicolor.* $1 for 3; $3.50 per doz.
**Umbrella Palm.** *Cyperus alternifolius.* $1.25 for 3; $4.50 per doz.

## WATER-LILIES and POND PLANTS

**Hardy Water-Lilies (Nymphaeas)** **April 10 shipment**

For ponds, lakes or in still pools along a stream. Plant in about 2 feet of water.

**Attraction.** Immense flowers, bright red. $3.50 each
**Aurora.** Flowers open amber-yellow, changing to orange-red on the second day and to deep red on the third. $2.25 each
**Gladstone.** Large, pure white, globular flowers. $2.50 each
**H. B. Shaw.** Shell-pink and very fragrant. $1.75 each
**Helen Fowler.** Deep pink flowers. Suitable for growing in a tub. $2 each
**Marliac Rose.** Fragrant, cup-shaped, deep rose. $2.75 each
**Marliac White.** Waxy white flowers, yellow stamens. $2 each
**Marliac Yellow.** Bright chrome-yellow flowers. $2.50 each
**Pink Opal.** Full-petaled, cup-shaped, deep rich pink. $1.50 each
**Sunrise.** Early yellow; blooms 8 to 10 inches across. $3.50 each
**Sacred** or **Egyptian Lotus.** *N. nuciferum.* A hardy, vigorous, fragrant type having rose-tipped petals, shading to cream at the base. $3 each

**Tropical Water-Lilies Day-Blooming June 1 shipment**

**Blue Beauty.** Deep blue, 10 to 12 inches across. $3 each
**Cærulea.** The original blue Lotus of the Nile. $2 each
**Colonel Lindbergh.** Enormous deep sky-blue flowers. $2.75 each
**Dauben.** Light blue. Recommended for tub-gardening. $2.25 each
**Mrs. C. W. Ward.** Deep rose-pink. 8 to 10 inches across. $2.75 each
**Mrs. George H. Pring.** Best pure white; large. $2.50 each

**Shallow-Water Plants, April 10 shipment**

**Parrot Feather.** *Myriophyllum proserpinacoides.* 75c for 3; $2.50 per doz.
**Water Nasturtium.** 75c for 3; $2.50 per doz.
**Water Lettuce** or **Shell Flower.** *Pistia Stratiotes.* 75c for 3; $2.50 per doz.
**Water Hyacinth.** *Eichbornia crassipes major.* $1 for 3; $3.50 per doz.

**Submerged Plants (Oxygenating) April 10 shipment**

**Anacharis** **Cabomba** **Ludwigia**

Each of above, 60c per bunch; $5.50 per doz.

**Sagittaria sinensis.** 95c for 3; $2.50 per doz.
**Vallisneria.** $1.50 per doz.

Blueberry Bushes are very productive

# LUSCIOUS *Home Garden* FRUITS

## CULTIVATED BLUEBERRIES

*Shown in color on inside back cover*

Cultivated blueberries can be successfully grown in the home garden, for it is a comparatively simple matter to prepare the soil where natural favorable conditions do not exist. Our pamphlet, "The Culture of Bush Fruits and Vines for the Home Garden," tells how to prepare the soil and how to care for the plants for best results. It is sent on request without charge when ordering. Plants should be purchased in variety and set quite close to insure cross-pollination. Space between plants should be approximately 4 by 6 feet.

**Concord.** (Early.) Upright-growing variety; will attain a height of 6 feet. The fruit is large (about the size of a Concord grape); it is very attractive in color and possesses a fine flavor.

**Jersey.** (Midseason to late.) A vigorous, well-shaped shrub. The huge fruit has a wonderful flavor and is often ¾ inch in diameter.

**June.** (Early.) Large, well-colored fruit with fine flavor, produced on medium-sized plants.

**Rancocas.** (Midseason.) Of upright form, yielding clusters of firm sweet berries. Red twigs.

**Stanley.** (Midseason.) Very vigorous. Quantities of large berries. Especially fine flavored.

**Any of above: 2-yr. plants, 15 to 18 in. high, $1 each; $2.75 for 3; $10 per doz.**
**3-yr. plants, 1½ to 2 ft. high, $1.50 each; $4 for 3; $15 per doz.**

**SPECIAL OFFER: COLLECTION OF 4 FOLLOWING VARIETIES:**
**June Rancocas Stanley Jersey** 2-year plants **$3.50** In 3-year size **$5.50**

**BLUEBERRY, HARBUR.** (Midseason to late.) A vigorous, compact grower, 4 to 5 feet high at maturity. Fruit spurs from 8 to 10 inches long are laden with large, uniform, sweet berries superb in flavor. **4-yr. plants, 2 to 2½ ft. high, $3.50 each; $9 for 3; $35 per doz.**

## BLACKBERRIES

**Alfred.** Shining black berries 1½ to 1¾ inches long, practically free of seeds, with thick, juicy flesh. Early.
**75c for 3; $2.50 per doz.; $20 per 100**

**Blowers.** Large, tempting berries of superb quality. **$1.50 per doz.; $10 per 100**

**Eldorado.** Large, jet-black fruit borne in clusters. **$1.50 per doz.; $10 per 100**

## DEWBERRIES

Trailing plants requiring support or trellis, which may be used on a fence or stone wall. Best described as a small creeping blackberry.

**Lucretia.** Berries firm, sweet and very early.

**Young's.** Large wine-red fruit with fine flavor. Produces the first year.

**Either of above, $1.50 per doz.; $10 per 100**

## HANSEN BUSH CHERRY

A hardy, productive bush cherry bearing heavy crops of clustered red fruit. Plants grow to 4 or 5 feet and should be planted 4 feet apart.
**1½ to 2-ft. plants, $1 each; $2.75 for 3; $10 per doz.**

## DWARF FRUIT TREES

*Trees Set Out This Spring Begin Fruiting the Second Year After Planting*

### DWARF APPLES

Our dwarf apples are propagated by grafting the selected varieties on genuine imported English Malling rootstocks. When fully matured these trees will reach a height of 12 to 15 feet. For this reason they may be planted 15 feet apart.

**We offer the following popular varieties:**

**Cortland.** Combines quality, flavor and appearance; good size, bright red. It is desirable either for dessert or cooking. One of the best winter keepers.

**Red Delicious.** The most popular of all eating apples on account of its beautiful appearance and delicious flavor.

**Red McIntosh.** It possesses all the desirable features that may be hoped for. Early bearing, fine flavor and desirable for eating or cooking purposes.

**Yellow Delicious.** It has all the good qualities of the red variety in addition to its glorious golden yellow color.

**Any of above: 2-yr.-old, 3 to 4-ft. trees, $3.25 each; $8.75 for 3; $32.50 per doz.**

### 5-IN-ONE APPLE TREE

*Amazing Performance. A Horticultural Masterpiece. A Boon to the Gardener with Limited Space*

This interesting, beautiful and productive novelty should have a place in every garden. Bears the following choice varieties:
**Lodi,** early golden yellow; **Red McIntosh,** early red; **Yellow Delicious,** beautiful and delicious: **Cortland,** popular late red; **Red Rome Beauty,** beautiful bright red, productive.

**SPECIAL: 2-yr.-old, 4 to 6-ft. standard size trees, $3.95 each**

2-yr. Apple Tree

### DWARF PEARS

Well-shaped trees are developed by our growers on quince rootstocks. These also may be planted 15 feet apart, as their height at maturity is also approximately 15 feet. Bear second year after planting.

**Bartlett.** The fruit is large, golden in color, tender and juicy. Ripens early in September.

**Clapp's Favorite.** Resembles Bartlett in size, shape and color, but fruit matures about two weeks earlier.

**Duchess.** Very large fruit, dull greenish yellow. Flavor superb. Ready end of September.

**Seckel.** Fruit small to medium, yellowish brown. Flavor distinct. Very productive. Fine in autumn.

**Any of above, 2-yr.-old, 3 to 4-ft. trees, $3.25 each; $8.75 for 3; $32.50 per doz.**

### PLUM

**Howard's Miracle.** A fast-growing tree bearing fruit through July and August the second year after planting. The tempting fruit has amber flesh and delicious flavor. **$3 each; $8.50 for 3; $31 per doz.**

**Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post please add 10% of your order value for packing and postage to points within the 4th zone and 20% to points beyond the 4th zone.**

Dwarf Pears

NEW EVERBEARING

## RED RASPBERRY, SEPTEMBER

**Produces Big Juicy Berries Over a Longer Period Than Any Other Variety.**

This marvelous new fruit, which was developed by Prof. G. L. Slate at the N. Y. State Experiment Station, is superior in every way. It has size, flavor, bright red color, and is very free from seediness. It is vigorous, hardy and productive. First crop in July, then again from September to late fall.

**Strong 1-yr.-old plants, $3.95 per doz.; $30 per 100**

**For Other Varieties of Red Raspberries see inside Back Cover.**

## BLACK RASPBERRIES

**Bristol.** Large, glossy, attractive fruit, ranking high among the black-cap varieties.
**Cumberland.** Firm berries measuring ⅞ inch in diameter. Very vigorous plants.
**New Logan.** Considered the most prolific of the earliest raspberries.

**$1.50 per doz.; $10 per 100**

## A PURPLE VARIETY

**Sodus.** A cross between a red and a black raspberry, with large, attractive fruit of delicious flavor. Vigorous plants doing well even under adverse conditions.

**$1.50 per doz.; $10 per 100**

## THORNLESS BOYSENBERRY

**Phenomenal.** The deep maroon fruit with delicious flavor is produced in abundance—8 to 12 quarts per plant and averaging 2 inches or more in length. Entirely thornless.

**75c for 3; $2.50 per doz.; $20 per 100**

### Epicure Collection of Fruit

1 Grape, Golden Muscat; 12 Raspberry, Indian Summer; 12 Blackberry, Alfred; 6 Boysenberry, Phenomenal; 1 each, 2-year Blueberry plants in the following vars.: June, Rancocas, Jersey and Stanley. Value $12. ONLY **$9.95**

## HARDY GRAPES

**Strong 2-yr. Vines**

**Golden Muscat.** Immense bunches of large oblong fruit, golden in color. Extremely hardy. **$1.50 each; $4 for 3; $15 per doz.**
**Seedless Concord.** Rich blue-black fruit, somewhat smaller than Concord. A fine table variety.
**$1.50 each; $4 for 3; $15 per doz.**
**Sheridan.** A blue-black grape with rich, sweet flavor, maturing late. A good keeper.
**$1 each; $2.75 for 3; $10 per doz.**
**Van Buren.** Large, compact clusters of blue-black fruit, ripening very early. Sweet flavored. **$1 each; $2.75 for 3; $10 per doz.**
**Caco or Catawba-Concord.** Rich, sparkling red grapes with abundant bloom, borne in large bunches.
**75c each; $2 for 3; $7.50 per doz.**
**Fredonia.** Large, sweet, blue-black fruit with heavy bloom.
**75c each; $2 for 3; $7.50 per doz.**
**Ontario.** A white grape with round, medium sized, sweet, juicy fruit. Vigorous vines.
**75c each; $2 for 3; $7.50 per doz.**
**Concord.** The main grape variety. Plants hardy and productive on a great variety of soils. Grapes are blue-black with a rich bloom. Used widely for grape juice.
**60c each; $1.65 for 3; $6 per doz.**
**Delaware.** A small, red grape, sweet and juicy and having a fine thin skin.
**60c each; $1.65 for 3; $6 per doz.**
**Niagara.** The leading white variety, yielding large clusters of round green or golden, sweet-flavored grapes.
**60c each; $1.65 for 3; $6 per doz.**

# STRAWBERRY PLANTS

Strong potted plants with well-developed root systems. Available for delivery from mid-March to June 15 and from August to October.

### Early

**Dorsett.** Early. Bright color and good size.
**Fairfax.** Bright red fruit changing to deep red with ripeness; firm flesh and excellent flavor.
**Premier.** Plants produce an abundance of large fruit.

### Midseason and Late

**Big Joe.** Large, excellent-flavored fruit with firm quality and beautiful color on very productive plants. Midseason.
**Catskill.** Large, round-conic, bright red fruit. Midseason.
**Chesapeake.** One of the best varieties. Plants develop fewer runners and should be planted closer together. Fruit is large and late to mature.
**Fairpeake.** Later than Chesapeake, bearing great quantities of average-size fruit.
**Red Star.** Fruits blunt conic, medium red, and produced abundantly.
**Temple.** Vigorous plants producing an abundant crop of medium red berries of blunt-conic shape.

**$1.75 per doz.; $3.35 for 25; $12.50 per 100**

Red Star

### Everbearing Varieties

These varieties form flowers more sparingly through the season and by keeping these pinched off until August 15, a fair crop will be developed for fall.

**Mastodon.** Plants are very prolific in the production of large sparkling red fruit.
**Gem.** Large, light red berries of fine flavor.

**$2.50 per doz.; $4.50 for 25; $15 per 100**

### Alpine Strawberries

Small-fruiting plants for odd corners in the garden, producing delicious fruit with flavor suggestive of wild strawberries in summer.

**Baron Solemacher.** Small red fruit.

**Potted plants: $1.75 per doz.; $3 for 25; $10 per 100**

# GARDEN HERBS

**Bee-Balm.** Perfumery and potpourri. 2 to 3 feet.
**Balm, Lemon.** Tea and flavoring drinks. 18 inches.
**Catnip.** Loved by cats. 2½ feet.
**Chamomile.** Medicinal. 1 foot.
**Chives.** Flavoring. 10 inches.
**Costmary.** Potpourri and salad flavoring. 2 to 2½ feet.
**Hyssop.** Medicinal. Occasionally as flavoring. 1 foot.
**Lavender.** Sachets, perfumes, soaps and potpourri. 2 to 3 feet.
**Lavender Cotton.** Potpourri. Available with gray or green foliage. State preference. 18 inches.
**Lemon Verbena.** Flavoring. 4 feet.
**Marjoram, Pot.** Medicinal. Used in perfumes. 20 inches.
**Marjoram, Sweet or Knotted.** Flavoring.
**Mint, Anise.** Flavoring. 2 feet.
**Mint, Apple.** Flavoring. 2½ feet.
**Mint, Lemon or Bergamot.** Flavoring.
**Peppermint.** Used for tea. 3 feet.
**Spearmint.** Mint juleps and general flavoring. 2 feet.
**Pennyroyal, English.** Medicine; flavoring.
**Rosemary.** Perfumery and flavoring. Tender. 4 feet.
**Rue.** Medicinal. Used for flavoring. 2½ feet.
**Sage.** Flavoring. 15 inches.
**St. George's Herb.** Medicinal. 3½ feet.
**Savory, Winter.** Flavoring. 1 foot.
**Tansy.** Medicinal. 1 foot.
**Thyme, Citron or Lemon.** Flavoring. 10 inches.
**Thyme, Common or English.** Flavoring.
**Thyme, French.** Flavoring. 8 inches.
**Thyme, Crimson.** Flavoring. 1 foot.
**Mother of Thyme (Creeping).** Flavoring.
**Woodruff.** Flavoring. 8 inches.
**Wormwood, Fringed.** Aromatic. 1½ foot.
**Old Man (Southernwood).** Aromatic.
**Tarragon.** Flavoring. 2 feet.
**Yarrow, Woolly.** Decorative. 1 foot.

**All Herb Plants, $1.35 for 3; $5 per doz.**

MacDonald Rhubarb

## RHUBARB ROOTS

There is usually a small space difficult to use for other purposes that can be made productive by planting a few rhubarb roots from which to harvest a crop of fine stalks for the table in early spring.

**MacDonald.** A Canadian-developed variety that is very hardy, tender and delicious.

**75c each; $7.50 per doz.; $60 per 100**

**Victoria.** A variety that has had years of popularity.

**25c each; $2.50 per doz.; $17.50 per 100**

## HORSERADISH SETS

Will produce large usable roots by fall. They are planted in rows 1 foot apart and 2 feet between rows. **60c per doz.; $4 per 100**

Torch Azalea

Our shrubs and trees, except where specially noted, are 2 to 3 years transplanted, and range from 1½ to 3 feet in height, according to variety. Some that are stronger growing are consequently taller at the same age. In the description of each variety we give the natural heights at maturity, but they can be kept any size desired by pruning.

**Those marked * may be planted in a shady place**

**ALTHEA. ROSE OF SHARON.** Valuable for its late blooming, in August and September. Height 10 to 12 feet. **Double White** and **Double Red.**
**$1.50 each; $4.15 for 3; $15 per doz.**

***AZALEA Hinodegiri.** A beautiful evergreen variety covered in April and May with scarlet-crimson flowers. Succeeds best in partial shade and when somewhat sheltered from severe winds in winter; it also requires an acid soil. Excellent as specimens or for foundation planting, etc. 3 to 4 feet tall and broader in diameter.
**12 to 14-in. plants, $3.50 each; $9.50 for 3; $35 per doz.**

**A. Kæmpferi Hybrids. TORCH AZALEA.** The showiest and hardiest of all deciduous azaleas. Covered in May with lovely clusters of flowers ranging in color from light yellow to deep orange; many also have coral and salmon tints. Does best in open sunlight but requires acid soil. 4 to 5 feet. We offer mixed colors only.
**18 to 24-in. plants, $5 each; $50 per doz.**

**BARBERRY, Japanese.** *Berberis Thunbergii.* Of low, spreading growth, forming a dense, impenetrable bush. The branches are set with sharp thorns. Small yellow flowers in the spring, followed by bright scarlet berries in the late summer and fall. The foliage turns orange and scarlet in autumn. A valuable hedge plant. Height 4 to 6 feet. **15 to 18-in. plants, $1.35 for 3; $5 per doz.; $40 per 100**

**Red-Leaved.** *B. Thunbergii atropurpurea.* The foliage is bronzy red changing to vivid orange-scarlet. Plant in full exposure to the sun for the best color.
**15 to 18-in. plants, 75c each; $2 for 3; $7.50 per doz.; $50 per 100**

**BEAUTY BUSH.** *Kolkwitzia amabilis.* Masses of tubular pink flowers in June. The graceful shrub grows to 8 feet.
**$1.50 each; $4 for 3; $15 per doz.**

**BLUE MIST.** *Caryopteris clandonensis.* Covered from August till late autumn with clusters of fringed, powder-blue flowers. Height 18 to 24 inches.
**Strong 2-yr. plants, 12 to 15 in. high, $1.50 each; $4.15 for 3; $15 per doz.**

**BOXWOOD EDGING.** *Buxus suffruticosa.* **TRUE ENGLISH BOXWOOD.**
**Bushy 6 to 8-in. plants, $2 for 3; $7.50 per doz.; $60 per 100**

**BRIDAL WREATH**—see *Spiræa prunifolia.*

**BUTTERFLY BUSH.** *Buddleia.* Particularly valuable in landscape design because of a late and prolonged blooming period extending from July until frost. As the wood is soft, plants die to the ground in severe cold weather but produce new growth to bloom on schedule. Flowers are tightly arranged on long graceful spikes.

**Charming.** Large, lavender-pink flowers produced abundantly on 4 to 6-foot plants.

**Orchid Beauty.** Delicate orchid color with contrasting orange eye.

**Purple Glory.** A free-flowering, rich dark purple variety.

**Royal Red.** Spikes of conspicuous red flowers from June to September.
**Potted plants, 75c each; $2 for 3; $7.50 per doz.**

**CHASTE TREE**—see Vitex.

**CHINESE CHESTNUT.** *Castanea mollissima.* A low, spreading tree which should, three years after planting, yield excellent nuts for roasting or for use in stuffing. The trees are not subject to blight and thrive in good, well-drained soil. They are best planted in threes to insure pollination—a worthwhile neighborhood project where tree space is limited.
**2-yr. saplings, 3 to 4 ft., $3 each; $8.50 for 3; $30 per doz.**

**DAPHNE ROSE.** *Daphne Cneorum.* One of the choicest small shrubby plants for adding interest in a foundation planting or at the front of a perennial border. Its compact form, small foliage and elongated clusters of fragrant pink flowers, so abundant during May and September, make a beautiful contrast to the grays of rock-garden stones. A sandy, peaty soil is preferred.
**$3 each; $8.50 for 3; $30 per doz.**

White Dogwood

***DEUTZIA gracilis.** Covered with white flowers in May and June. Graceful and attractive at all times. Height 2 to 4 feet.
**$1.50 each; $4.25 for 3; $15 per doz.**

**Pride of Rochester.** Large, double white flowers in June and July. 6 to 7 ft.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

**DIERVILLA**—see Weigela.

***DOGWOOD, White.** *Cornus florida.* Lovely in springtime when covered with the large, single white flowers and also when the foliage turns color in the fall. 15 to 25 feet. **3-ft. plants, $4 each; $11 for 3; $40 per doz.**

**Pink.** *C. florida rubra.* Flowers are bright pink. **3-ft. plants, $7.50 each**

***FORSYTHIA, Spring Glory. GOLDEN BELLS.** This new forsythia is without question the loveliest of all. Its large, pale yellow flowers completely cover the branches in such masses that they literally bend with their weight. It would not be far amiss to say that it produces twice the number of blooms of the common forsythia.
**$1.75 each; $5 for 3; $17.50 per doz.**

**F. intermedia spectabilis.** Makes a fountain-like growth. Every twig densely covered with golden yellow bells. Blooms in March or early April, before the foliage appears. Height 6 to 8 feet.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

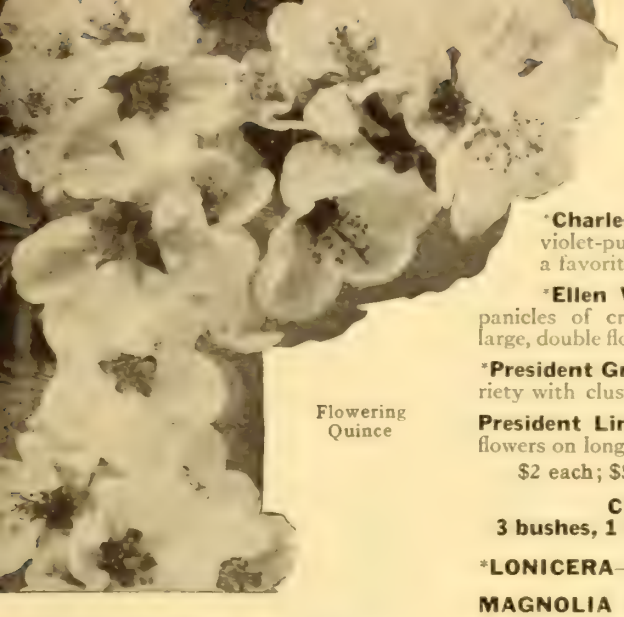
**FLOWERING ALMOND, Double Pink.** *Prunus Amygdalus.* The miniature, double rose-like blooms cover the entire shrub. Very hardy, very graceful; blooms in May. Height 3 to 5 feet.
**$1.50 each; $4 for 3; $15 per doz.**

## FLOWERING CRABAPPLE

**BECHTEL CRAB.** *Malus ioensis.* Large, double pink flowers are borne in great profusion year after year, on trees that may reach a height of 30 feet.
**2 to 3-ft. plants, $2.50 each; $7 for 3; $25 per doz.**

**HOPA CRAB.** *M. hybrida.* An outstanding Japanese crab with bright pink, fragrant flowers that form a solid mass of bloom. Fully grown specimens may be 25 feet high and spread to a similar distance.
**$1.75 each; $5 for 3; $19.25 per doz.**

**FLOWERING QUINCE.** *Cydonia japonica.* Dense, spreading habit and thorny, irregular branches. Brilliant scarlet flowers on short stems in April and May, before the leaves appear. Conspicuous yellow fruit. Height 6 to 8 feet.
**$1.50 each; $4.25 for 3; $15 per doz.**



Flowering Quince

**HIBISCUS Syriacus**—see Althea.

**HONEYSUCKLE, Bush Tatarian.** *Lonicera tatarica.* At maturity plants may be 10 feet high and nearly as broad, producing small pink flowers in May and red berries in July and August.
$1.25 each; $3.50 for 3; $12.50 per doz.

**HYDRANGEA arborescens grandiflora.** Large clusters of snow-white flowers, flatter than *H. paniculata grandiflora*, are borne in June. Height 10 feet.
$1.50 each; $4 for 3; $15 per doz.

**H. paniculata grandiflora. PEEGEE HYDRANGEA.** Upright in habit, with huge panicles of white flowers that change to pink and then to bronze-green. July. Plants may grow 10 to 15 feet high.
$1.50 each; $4 for 3; $15 per doz.

**Domotoi.** Hardy. Large, irregular, globe-shaped clusters of semi-double flowers. When grown in alkaline soil the color is pure pink, in acid soil a magnificent light blue. The soil can be made acid by adding aluminum sulphate. Grows from 2 to 3 feet high and of the same diameter. Thrives in sun or light shade. A very impressive shrub. When well established, flowers become more fully double.
$2 each; $5.50 for 3; $20 per doz.

**Nikko Blue.** A hardier type of the well-known *H. bortensis* which makes it possible to enjoy this beautiful shrub over a wide area. The flowers are pink in alkaline soils and blue in acid soil. The intensity of color can be controlled by adding more or less aluminum sulphate. Blooms from June to October. Height about 3 feet.
$1.50 each; $4 for 3; $15.50 per doz.

**ILEX**—see Winterberry.

**KOLKWITZIA**—see Beauty Bush.

## LILAC · COMMON

**Syringa vulgaris.** A well-known shrub of great popularity because of its easy culture and panicles of fragrant flowers in May. Plants may grow to 15 feet but can be held in check by pruning. Available in **White** and **Purple.**
$1.25 each; $3.50 for 3; $12.50 per doz.

## LILAC
## FRENCH HYBRID

**Belle de Nancy.** Double, satiny pink, white center.

***Charles X.** A profuse, single, violet-purple variety that has been a favorite for many years.

***Ellen Willmott.** Produces huge panicles of creamy white composed of large, double florets. One of the best whites.

***President Grevy.** A popular double variety with clusters of delicate violet-blue.

**President Lincoln.** Deep blue, double flowers on long panicles. Tall.
$2 each; $5.50 for 3; $20 per doz.

**COLLECTION**
**3 bushes, 1 of each marked * $5.50**

***LONICERA**—see Honeysuckle.

**MAGNOLIA Soulangeana.** The most popular of all magnolias. Produces large pink flowers in vast quantities in spring. One of the most beautiful of flowering trees. Height 15 to 18 feet.
2½ to 3-ft. plants, $4.50 each; $12.50 for 3

**MALUS**—see Flowering Crab.

**MOUNTAIN ASH.** *Sorbus Aucuparia.* A rapid-growing tree that eventually grows to 60 feet. The clusters of bright scarlet fruits are loved by the birds and add much to its decorative value.
$4.50 each; $12.50 for 3

***PHILADELPHUS, Belle Etoile. MOCK ORANGE.** The milky white flowers are most unusual because they have a conspicuous light purple blotch in the center. Wonderfully fragrant. Height about 5 feet.
$2 each; $5.50 for 3; $20 per doz.

**Innocence.** The long arching branches carry a wealth of large, single alabaster-white flowers. The fragrance is delightful. Height 6 feet.
$2 each; $5.50 for 3; $20 per doz.

**Virginal.** Flowers are semi-double, 2 inches across. Very prolific and delightfully fragrant. Main crop of bloom is produced in late May and June, with a scattering all summer. Very vigorous. Height 6 to 8 feet.
$1.50 each; $4 for 3; $15 per doz.

**PRUNUS, Charming. DOUBLE-FLOWERING PEACH.** A very effective specimen tree, particularly when covered with large, double, rose-pink flowers.
3 to 4-ft. saplings, $1.50 each; $4 for 3; $15 per doz.

**PUSSY WILLOW, French.** *Salix Caprea.* A shrub that will grow to 25 feet; planted primarily for its decorative silvery catkins. $1 each; $2.75 for 3; $10 per doz.

**REDBUD or JUDAS TREE.** *Cercis canadensis.* Bunches of dull reddish pink flowers produced abundantly along the branches before leaves expand in the spring
$2 each; $5 for 3; $20 per doz.

**SALIX**—see Pussy Willow.

**SNOWBALL**—see Viburnum.

***SNOWBERRY.** *Symphoricarpos racemosus.* An old favorite. In July and August it has small pink flowers that are followed by great numbers of large, pure white, wax-like berries in clusters that remain until freezing weather.
$1.25 each; $3.50 for 3; $12.50 per doz.

**SORBUS**—See Mountain Ash.

**SPIRÆA, Anthony Waterer.** Carmine-crimson flowers from June to November. Height 2 to 3 feet.

**S. prunifolia. BRIDAL WREATH.** In May the branches are covered with small, double white flowers. Height 6 to 8 feet.

**S. Vanhouttei.** Flowers of pure white, borne in great profusion in June. Height 8 to 10 feet.
$1.25 each; $3.50 for 3; $12.50 per doz.

***STRAWBERRY SHRUB.** *Calycanthus floridus.* Also frequently called Sweet Shrub and Carolina Spicewood. A strong, upright grower with large, handsome foliage. Peculiar, reddish brown, sweet-scented flowers in May. It grows 4 to 6 feet tall and will thrive in either sunny or shady places.
$1.50 each; $4.25 for 3; $15 per doz.

***SWEET PEPPER BUSH.** *Cletbra alnifolia.* Small white flowers in terminal racemes in July and August. Height 4 to 6 feet. $1.50 each; $4 for 3; $15 per doz.

**SYMPHORICARPOS**—see Snowberry.

**SYRINGA**—see Lilac.

**TAMARIX, Summer Glow.** The lace-like, silvery blue-green foliage is surmounted throughout the summer with airy sprays of rosy red flowers that are fine in the garden and for cutting. Combined with gypsophila, is charming in summer table arrangements. Perfectly hardy. Thrives in poor or light sandy soil and is not injured by salt spray at the seashore. Grows to 8 feet but can easily be kept down to 5 or 6 feet by pruning.
18 to 24-in. plants, $2 each; $5.50 for 3; $20 per doz.

Hydrangea arborescens

Purchaser pays transportation charges on shrubs. If you wish your order sent by Parcel Post, please add 10% of your order value for packing on postage to points within the 4th zone and 20% beyond the 4th zone.

## VACCINIUM CORYMBOSUM

*Cultivated Blueberries Are Showy Garden Shrubs*

The plants are attractive at all times—in spring when the new leaves have pinkish and bronzy tones, later when covered with waxy white blooms, when followed by the bluish fruit, and finally when the plants take on the rich crimson tones of autumn. See page 80 for varieties and prices.

**VIBURNUM Burkwoodi.** Waxy, bluish white, fragrant flower clusters before the leaves unfold in the spring. Grows 4 feet high and nearly 6 feet across. A sunny situation, also moist, well-drained soil is preferable.
**2-yr., 18 to 24-in. plants, $5.50 each**

**V. Carlesi.** Fragrant, pale pink, waxy flowers in tight clusters during May or early June. Very hardy. **$5.50 each**

**V. Opulus sterile. COMMON SNOWBALL.** Clusters of showy white flowers in May and June. Height 8 to 10 feet.
**$1.50 each; $4.15 for 3; $15 per doz.**

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**VITEX macrophylla. CHASTE TREE.** Spikes of lavender-blue flowers open in July and are effective against the compound, gray-green leaves. A cover of Mulch-o-Nure is recommended for winter.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

***WEIGELA, Bristol Ruby.** *Diervilla.* Pat. 492. Soft ruby-red shading to garnet-crimson. 6 to 7 feet at maturity. It makes a perfectly formed, well-rounded specimen.
**$1.50 each; $4 for 3; $15 per doz.**

**W. rosea.** Rich rose-colored flowers in June and July. Height 6 to 8 feet.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

**WINTERBERRY.** *Ilex verticillata.* A deciduous holly admired for its brilliant red berries which persist through the winter. Spreading and growing up to 6 feet tall.
**$1.50 each; $4 for 3; $15 per doz.**

## IMPORTANT HEDGE PLANTS

**JAPANESE BARBERRY.** *Berberis Thunbergii.* A very hardy plant for a sheared or natural hedge. Small yellow flowers in spring, followed by red fruit.
**15 to 18-in. plants, $5 per doz.; $40 per 100**

**RED-LEAVED BARBERRY.** *B. Thunbergii atropurpurea.* Grows 3 to 4 feet tall. Planted in full sun, the foliage is brilliant bronzy red.
**15 to 18-in. plants, $7.50 per doz.; $50 per 100**

**CALIFORNIA PRIVET.** *Ligustrum ovalifolium.* The most popular hedge plant where a clipped, formal effect is desired. Although plants will grow to 15 feet, they may readily be kept at the desired height by frequent shearing.
**Extra strong, 2 to 3 ft. high, $3.50 per doz.; $25 per 100**

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Many shrubs may be used to advantage for making dividing lines between properties or for enclosing sections of the garden. For instance, an excellent plant to use for a division between the flower and vegetable garden is Vaccinium or Cultivated Blueberry. The following flowering shrubs can also be used:

**Deutzia** — **Hydrangea**
**Forsythia** — **Paniculata**
**Bush Honeysuckle** — **or Arborescens**
**Spirea and Weigela**

All of the above are described on the preceding pages of this catalog.

# THE BEST OF THE *Hardy Climbers*

**BOSTON IVY.** *Ampelopsis Veitchii.* Attains a height of 30 feet in two to three years and clings to stone, brick or wood.
**75c. each; $2 for 3; $7.50 per doz.**

**BITTERSWEET.** *Celastrus scandens.* A hardy native climber that rambles wildly unless kept in check by training and pruning. Most valuable for fence planting, for banks and rocky ground. Fruit capsules burst to expose brilliant scarlet seeds in clusters at the end of branches. Useful in winter arrangements.
**75c each; $2 for 3; $7.50 per doz.**

**CHINESE BITTERSWEET.** *C. Loeseneri.* A rare species from China. The clean leaves are glaucous green and somewhat larger than those of the common bittersweet. In autumn yellow and orange-scarlet berries cover the vine all over instead of in occasional small clusters.
**$1.50 each; $4.25 for 3; $15 per doz.**

## CLEMATIS

Both large and small-flowering types are hardy, having great decorative value for trellis or pergola covers and for use on walls and fences.

**Large Flowering.**

**C. Jackmanii.** Deep purple, single flowers, produced abundantly in summer.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

**Crimson King.** Large, single, wine-red flowers. **$1.50 each; $4.15 for 3; $15 per doz.**

**Duchess of Edinburgh.** Large, single white flowers.
**$1.50 each; $4.15 for 3; $15 per doz.**

**COLLECTION**
**3 Clematis, 1 each of above 3 varieties, $3.50**

**Small Flowering**

**C. paniculata. JAPANESE CLEMATIS.** The commonest clematis for garden culture. The vines are fairly smothered in panicles of small, sweet-scented, white flowers in September, followed by seeds with fluffy white tails. Suitable for partial shade. **75c. each; $2 for 3; $7.50 per doz.**

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**CHINESE FLEECE or SILVER LACE VINE.** *Polygonum Auberti.* Grows to 25 feet in one season and is covered in late summer with a fleece of white flowers. Sun or partial shade.
**75c each; $2 for 3; $7.50 per doz.**

**Chinese Fleece Vine**

**DUTCHMAN'S PIPE.** *Aristolochia durior.* A vine that quickly reaches a height of 30 feet, easily grown in sun or shade. Leaves are large, heart shaped and dark green, hiding from view small, green, pipe-shaped flowers.
**$2 each; $5 for 3; $18.50 per doz.**

**ENGLISH IVY.** *Hedera Helix.* Glossy evergreen ivy used for window boxes, for covering walls or for a ground cover in shady places.
**75c each; $2 for 3; $7.50 per doz.**

**HONEYSUCKLE.** *Lonicera japonica Halliana.* Fragrant white flowers changing to yellow. Very hardy.
**50c each; $1.25 for 3; $5 per doz.**

**L. sempervirens. EVERBLOOMING CORAL HONEYSUCKLE.** Orange-scarlet, tubular flowers from June to October.
**$1 each; $2.75 for 3; $10 per doz.**

**PASSION FLOWER.** *Passiflora cærulea.* A fascinating vine discovered through South America by Spanish padres who found in the intricate flower form representation of nails, crown of thorns, etc., associated with the crucifixion. Once established, the lavender flowers have a long season of bloom, but plants as far north as New York require substantial protection during winter.
**Pot plants for delivery after May 10, $1.50 each; $4 for 3; $15 per doz.**

**TRUMPET VINE.** *Bignonia grandiflora.* A very showy climbing plant for trellises or covering rockwork. Hummingbirds may easily be encouraged by the bright flowers of this hardy climber.

**Mme. Galen.** Rapid growing, with large orange trumpets through the summer.
**$2 each; $5.50 for 3; $20 per doz.**

**Yellow Trumpet.** A beautiful pure yellow variety with flowers 2½ to 3 inches across. May be grown in partial shade.
**$2.50 each; $7 for 3; $25 per doz.**

**WISTERIA, Blue Chinese.** *Wisteria sinensis.* Great masses of drooping lavender flowers in spring.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

**White.** White-flowered.
**$1.25 each; $3.50 for 3; $12.50 per doz.**

## POPULAR GROUND-COVER PLANTS

**PACHYSANDRA terminalis. ORIENTAL SPURGE.** Fine ground cover for shade or semi-shade. Bright glossy green foliage. For quick results, plant 9 inches apart. Height 6 to 9 inches.
**Plants from 3-in. pots, $2.50 per doz.; $20 per 100; $150 per 1000**

**VINCA minor, Bowles Variety.** (R) **PERIWINKLE.** A sprawling ground cover of superlative quality for sunny spots or shady areas. The variety is greatly improved and has quantities of clear blue flowers all season. **$1 for 3; $3.50 per doz.; $25 per 100**

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**Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% of your order value for packing and postage to points within the 4th zone, 20% to points beyond the 4th zone.**

# 5 Selected Vines for Garden Draperies

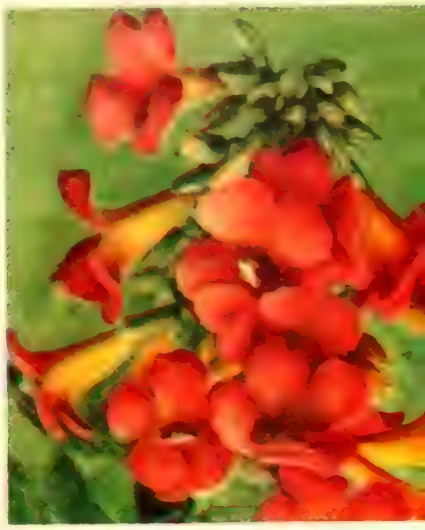
**CLEMATIS, Crimson King**
$1.50 each; $4.15 for 3

**PASSIFLORA CAERULEA**
Passion Flower

$1.50 each, $4 for 3

**CLEMATIS JACKMANI**
$1.25 ea.; $3.50 for 3

**LONICERA SEMPERVIRENS.** $1 each; $2.75 for 3



**TRUMPET VINE, Mme. Galen**
$2 each; $5.50 for 3

## Plant Flowering Shrubs to Frame the Garden Picture

**FLOWERING ALMOND.** $1.50 each, $4 for 3

**CARYOPTERIS, Blue Mist.** $1.50 each; $4.15 for 3

**BUDDLEIA, Purple Glory**
75c each; $2 for 3

**FORSYTHIA, Spring Glory.** $1.75 each; $5 for 3

**TAMARIX, Summer Glow.** $2 each; $5.50 for 3

# Hardy Flowering Shrubs for Border or Specimen Planting

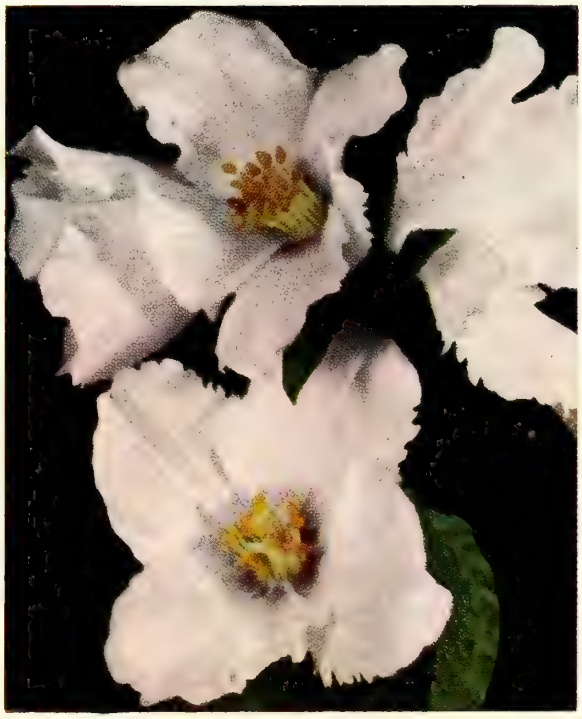
See pages 82-84

**BEAUTY BUSH**
$1.50 each; $4 for 3

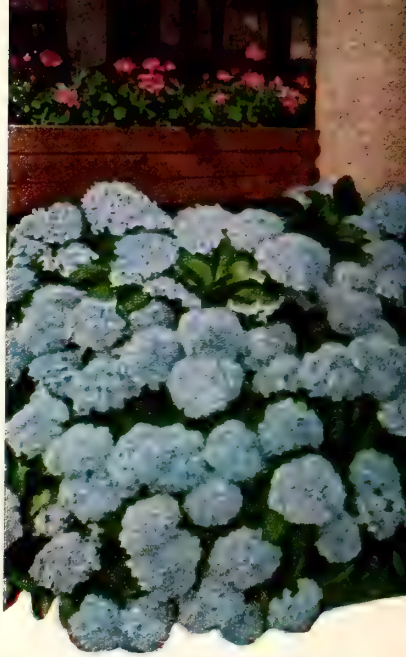
**WINTERBERRY.** *Ilex verticillata*
$1.50 each; $4 for 3

**WEIGELA, Bristol Ruby**
$1.50 each; $4 for 3

**SYRINGA** **French Lilac**
**Ellen Willmott, Charles X, Pres. Grevy**
$2 each; $5.50 for 3; $20 per doz.



**PHILADELPHUS, Belle Etoile**
$2 each; $5.50 for 3



**HYDRANGEA, Nikko Blue**
$1.50 each; $4 for 3

**TATARIAN HONEYSUCKLE**
$1.25 each; $3.50 for 3

**SNOWBERRY**
$1.25 each; $3.50 for 3

# *Beautiful Aluminum Chairs for Outdoor Living*

**A. PATIO LOUNGE CHAIR** has a feather-weight aluminum tubing frame, adjusts to five back positions, has a reinforcing bar foot rest. Covered with non-sagging, no-stretch, mildew-proof Saran fabric in plaid, solid green or cherry. Cushion head rest, rubber-cushioned feet. **$25.50.**

**B. SLEEPY HOLLOW CHAIR.** Of feather weight aluminum tubing, covered with wonderful, cool, durable Saran fabric. Adjustable to three positions. Kapok head rest; non-marking rubber feet. In plaid, solid green or cherry. **$16.50.**

**C. CLUBHOUSE CHAIR** opens and closes with the patented Compacto fold . . . in one motion. Adjustable to three positions. Constructed of aluminum tubing, covered with Saran fabric in gay sun plaid. **$22.95.**

**D. CHAISE-O-MATIC.** The only folding, completely portable chaise that opens and closes with one easy motion. Adjusts to three positions, including fully reclining. Of ⅞-inch, highly polished square aluminum tubing with arms of hard rock maple, finished with weather-resisting Valspar. Saran plastic plaid cushion with solid color sailcloth on reverse side. Cushion filled with springy rubberized hair. **$42.95.**

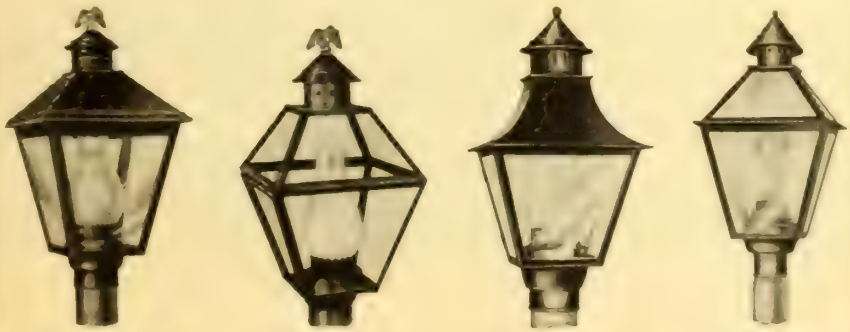
**E. SUN CHAIR** of highly polished aluminum tubing, with cool, white-enameled hardwood arms. Opens and closes with one motion, is adjustable to three positions. Covered with water-repellent, mildew-proof sailcloth. Red, green, blue or yellow. **$18.95.**

**F. DECK CHAIR** with detachable foot rest, adjustable canopy. Highly polished aluminum tubing, three-position adjustment, white-enameled hardwood arms. **$29.95.**

**G. LOUNGE CHAIR** with detachable foot rest. Of ⅞-inch, highly polished round aluminum tubing, three-position adjustable, white-enameled hardwood arms. Covered with water-repellent, mildew-proof sailcloth. Red, green, blue or yellow. **$22.95.**

*NOTE: Because of Government requirements, aluminum for merchandise of this type is in short supply. We suggest early placing of orders to insure prompt delivery.*

**BOSTON POST LANTERNS** combine eye comfort with eye appeal, add much to the appearance of the home, furnish a note of welcome to the guest. Authentic reproductions of Colonial types, constructed of heavy gauge solid copper to give a life-time of service. Clear glass panels, frosted chimneys. Each has a 3-inch-diameter reinforced collar for post. Rich black finish.



A. 10-inch square, 18 inches high. **$16.50.**

B. 10-inch square, 18 inches high. **$17.95.**

C. 10-inch square, 18½ inches high. **$19.95.**

D. 13½ - inch square, 26 inches high. **$19.95.**

*Completely Adjustable*

## LAWN-LITE

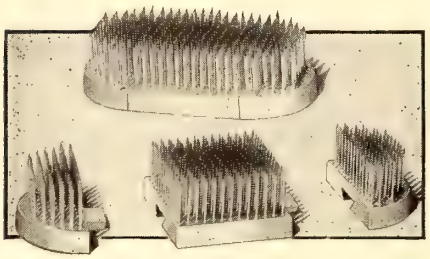
*Insect-Repellent Lamp*

Provides outdoor illumination with maximum freedom from insects. It does NOT KILL insects, but DOES reduce insect attraction. Simply drive stake into ground or fasten bracket with screws to any tree, post or building and adjust curved arm for desired light direction. **$5.95. Customer pays transportation.**

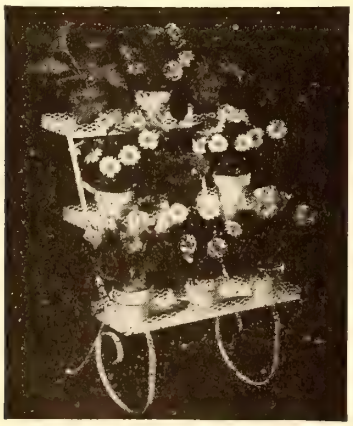
# From Our Gift Department

**GOLDEN NATURE GUIDES**

Little editions from Simon and Schuster, written by authorities in the various fields, copiously and beautifully illustrated in full color by outstanding artists. Works of art as well as instructive, they make learning fun. **Birds**–identifies more than 250. **Flowers**–has 250 different kinds. **Stars**–has charts, tables, diagrams. **Insects**–identifies over 235 of nature's wonderful little creatures. Each book, **$1.00.**



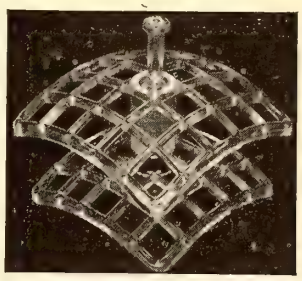
**SECTIONAL PIN FROG** makes many original flower arrangements possible. Segments fit closely as one unit or can be used separately. Sharply pointed brass pins set in lead hold flowers securely. Combined size 3¾ inches long, 1⅛ inches wide. **$1.75.**



**Three-Tiered Plant Stand** with graceful lines that fit into traditional or modern decorating schemes. Sturdily constructed iron to hold plants a-plenty. Finished with easy-to-clean white enamel. 34 in. high, 24 in. wide, 22½ in. deep. **$13.50.**

**All items on this page sent postpaid anywhere in the U.S.**

**WICKER MAILBASKET** has an old-fashioned rural air. 10 inches long, 6½ inches wide, 6½ inches deep, with plenty of room for letters, newspapers and magazines. Nicely made, natural finish. **$1.50.**



**"Gadjo" Flower Fashioner** firmly attaches itself by a suction cup to the bottom or side of a bowl, is especially good for shallow or glass bowl arrangements. Of crystal-clear plastic, cleverly designed to hold flowers exactly as placed. **$1.00.**

**Three-Initial Branding Iron**

Custom-made for yourself or a personalized gift. Head is quickly heated for branding sports equipment, garden tools, toys, etc. Use it on leather, wood or rubber. Please allow 3 weeks for delivery. **$3.50.**

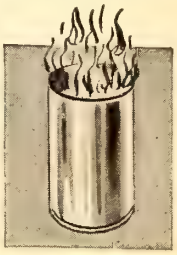
**MAGI-COLOR CANDLES and POTTERY BOTTLES**

Snow-white candles that drip varying colors as they burn, are as fascinating to watch as the changing hues in a log fire. Box of three 10-in. candles, **$1.00.**

**POTTERY BOTTLES** of interesting texture, glazed finish. White with pastel or dark color blended halfway down. Each **$1.00.**

**All Items on this page sent Postpaid**

**PLASTIC WATERING POT** to hang or stand in a spot that begs for a bit of gay color. Holds almost a quart of water; measures 10½ in. long, 6 in. high. In fade-proof bronze, red, green or yellow. Name your color choice, **$1.25.**



**Ajello Citronella Flares** chase flies and insects away. Safe, handy, they burn 6 hours or more, won't blow out. Packed in fool-proof metallic foil container with flame-extinguishing cover. Box of six, **$1.25.**

**"Steri-Lite" PICNIC SETS** for long, practical service indoors and out. Of lustrous Polystyrene in gay fiesta colors. Each set contains assorted red, blue, yellow and green. Sets are packaged in carrying storage case.

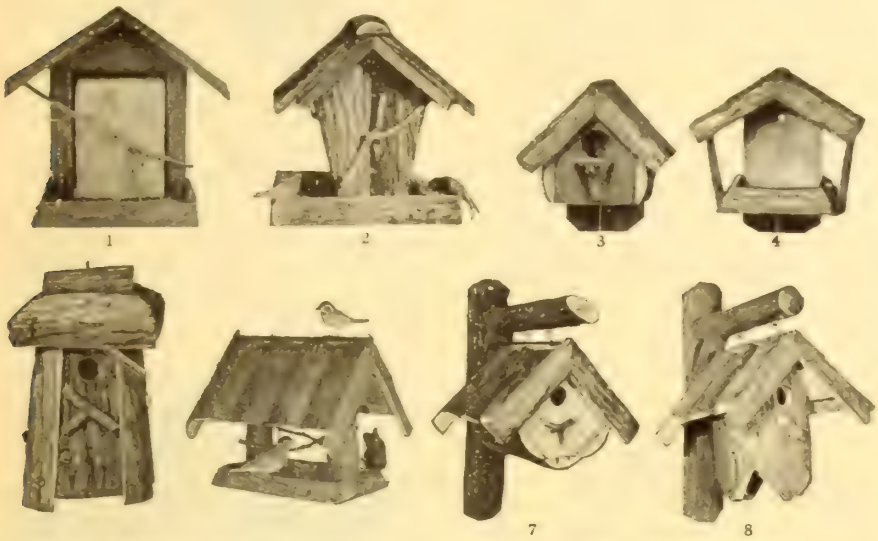
**8-Pc. LUNCHEON SET** includes 4 grill plates with cupwells, four cups. Set **$2.**

**20-Pc. DINNER SET** with 4 each of dinner plates, cups, saucers, bread-and-butters, bowls. Set **$3.**

**7-Pc. BEVERAGE SET** has 36-ounce ice-lip pitcher, six 8-ounce tumblers. **$1.50.**

# *Let's Feed the Birds...and House Them, Too*

Birds are the guardians of our plant life. Their constant foraging for insects makes them our most effectual means of keeping the menace of insects and rodents within reasonable bounds. Without birds, we ourselves could not survive. Feeding the birds affords an excellent opportunity for close observation, helps children to develop an understanding of the order of all living things, gives us a new perspective concerning the problems affecting our own everyday lives. Let's feed the birds!




**1. Rustic White Cedar Suet Rack** complete with cake of suet. Roof protects cake from weather, so even on the most blustery days the birds will be well fed. $1.50.

**2. Wild Bird Feeding House** of white cedar. Holds 5 lbs. of seed, which falls into narrow trough as it is consumed. Food remains dry and clean in hopper. Base 9 x 10½ in., 11 in. high. $4.

**3. Bluebird House** to add charm to any grounds. This is a particular favorite with bluebirds. Rustic white cedar. $2.50.

**4. Robin House** with the open front and sides that robins insist upon. Can also be used as a feeding shelf. Rustic white cedar. $2.

**5. Rustic Wren House** is designed to meet the very exacting requirements of the vivacious little wren. Easily hung on tree or arbor. $2.50.

**6. Suet House.** of rustic white cedar provides space for the standard size suet cake. Can be hung from bough or placed on sill. 9 x 10½ x 11 in. $3.50.

**7. Wren or Bluebird House** with hanger. Of rustic hemlock and stained cypress; can easily be fastened against the trunk of a tree. 12 x 8½ x 8 in. $3.

**8. Bluebird House** with hanger. It's a rustic, heavily constructed house that will last indefinitely. 8 x 8 x 12 in. $3.50.

## Our most popular BASKETS

**For General Purposes**
1-bus. size ..... $3 50
2-bus. size ..... 4 50

**Gardeners' Baskets**
20 x 11 x 6½ in. deep ..... $3 50
24 x 15 x 8½ in. deep ..... 4 00

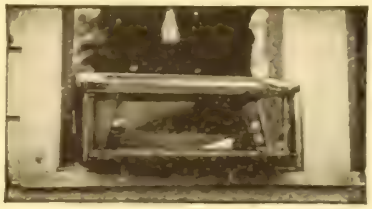
**Picking Baskets**
Half-bus. size ..... $2 75

**Rustic Garden Basket**
17 x 14 x 12 in. deep ..... $2 75

**Flower and Fruit Baskets**
13 x 13 x 3½ in. deep ..... $2 00
24 x 12 x 3½ in. deep ..... 2 25

All items on this page shipped postpaid anywhere in the U. S.

**Peanut Butter Balls.** Life-sustaining food, complete with vitamins, carbohydrates, proteins, oil, mineral, starch, etc. Hang them where you can watch the birds come back for more! Set of four. $1.75.

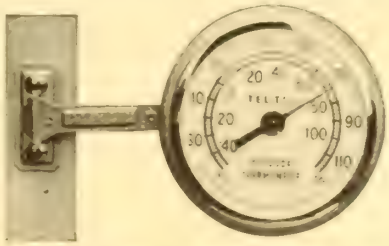


**Bishop Window Feeder** with skylite top hinged for easy cleaning. Built-in seed hopper and suet rack. Brown-stained pine. Complete with perch and mounting attachments. 12 in. long. $5.40.

**DeLuxe Model.** 24 in. long. $7.70.

**Suet Cakes** for a well-balanced diet of seeds, berries and fruit. Fits the suet racks pictured on this page. 45c each; $1.25 for 3.

**Wild Bird Seed Mixture** that always makes the birds come back for more. Lb. 25c; 5 lbs. $1.10; 10 lbs. $2; 25 lbs. $4.75; 100 lbs. $16.



**Handy Outdoor Thermometer.** Fastens to outside of any window frame. Large figures, easily read. Useful in the greenhouse. Well made, accurate and attractive. Has 4-in. face, long arm, universal joint. Mounts in any desired position. A Tel-True precision instrument. $3.

**Hotbed and Mushroom Thermometer.** $3.50.

**Berry Basket Holder.** Holds a quart berry basket at just the right height for picking. Just stick the pointed iron rod into the ground wherever you stand and pick with both hands. $1.25.

# Miscellaneous Garden Aids

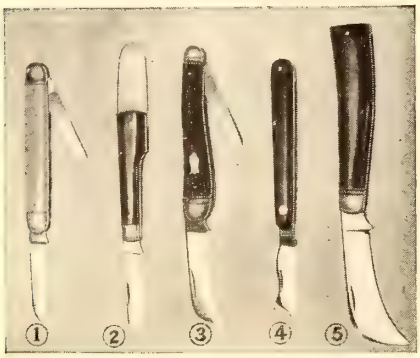
**Celery Bleachers.** Made of specially processed material to withstand moisture. With these bleachers, use of soil or boards is unnecessary to lighten the color of stalks. Size 6½ x 13 in. **60c. per doz.; $4.50 per 100; $36 per 1000.** 7 x 14 in. **75c per doz.; $5.50 per 100; $40 per 1000.**

**Celery Handlers** for placing the bleachers. Tin, **$1.50**; Brass, **$2.50.** Above items postpaid.

**Bulb Planter.** The tapered metal cup removes soil and makes a perfect planting hole in one operation. As illustrated, wt. 1 lb., **95c.** Long handled, wt. 5 lbs., **$6.85.**

**Dibble.** Just the tool for transplanting flowers or vegetables. Of brass construction with wooden handle. Wt. 1 lb. **$1.75.**

**Perfect Fruit Picker.** Made of galvanized steel wire. Will attach to a pole of any length. Without pole. Wt. 1 lb. **85c.**




**Budding and Pruning Knives**

*of Superior Design and Quality*

**No. 1. Budding and Grafting Knife,** 4 in. long. 2 blades. Lined and with bolsters, ivory celluloid handle. **$3.75.**

**No. 2. Budding Knife** with stationary budder. 4⅝ in. overall, handle 3⅛ in. long. 1 budding blade, black celluloid handle. **$4.**

**No. 3. Budding and Pruning Knife,** 4⅛ in. long. 2 blades, lined and bolstered. Bone stag handle. **$4.25.**

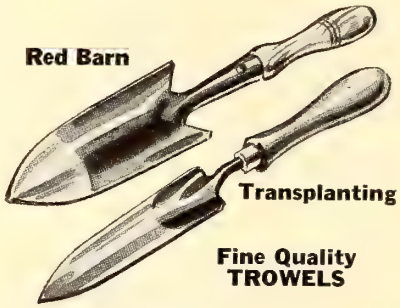
**No. 4. Budding Knife,** 4 in. long; flat-sided blade with bark loosener on back. Lined, celluloid handle. **$3.**

**No. 5. Large Pruning Knife,** 4 7/16 in. long. Pruning blade, cocobola handle, flat end. **$3.**

Above items postpaid.

**HOW TO GROW VEGETABLES by Logan and Cosper** . . . . . **$4.50**

A modern book, guide to good vegetable growing, written in a fresh, witty manner that is backed by sound judgment. Full-page illustrations and delightful pen sketches illustrate many methods used for growing the food for your table.

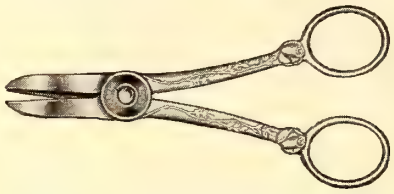



**Red Barn Solid Steel.** Very sturdy tool with quality forged steel blade, long slender shank and wooden handle. Blade 3½ x 6 in. Handle 6 in. Wt. 1 lb. **$1.85.**

**Aluminum.** Feather-weight all-aluminum trowel with 5½-in. blade. Wt. 1 lb. **$1.50.**

**Warren-Church.** Stamped lightweight 6-in. blade with wooden handle. Wt. 1 lb. **60c.**

**Transplanting Trowel.** Handy 1¾ x 6¼-in. grooved forged steel blade, wooden handle. Wt. 1 lb. **$1.50.**



**Henkel Flower-Gathering Shears**

Well-constructed nickel-plated shears which cut and hold flower stems. Ship. wt. 1 lb. **$3.**

**WISS Flower Cutter Holder**

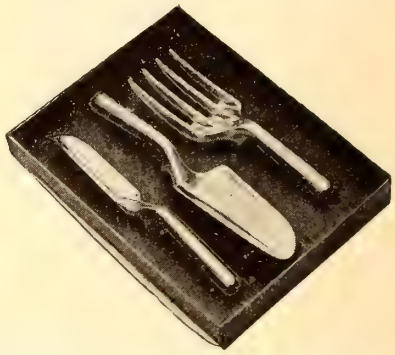
A 5-oz. aluminum tool to cut and hold out-of-reach flowers. Especially valuable for thorny roses. 18 in. long. Ship. wt. 1 lb. **$3.25.**

**Garden Club Flower Shears**

A sturdy 7-in. nickel-plated tool for cutting and holding flower stems. Ship. wt. 1 lb. **$1.50.**

**Customer Pays Transportation Unless Otherwise Specified. See Postage Chart, page 106.**

For those who love fine tools, a trowel and hand fork perfect in design and finish. Manufactured in England to give years and years of efficient service. Set, wt. 3 lbs., **$7.95.** Individual tools, ship. wt. 2 lbs., **$4.25** each.



**Featherlite Tool Set.** Beautiful, well-designed tools of strong, high-quality aluminum alloy. Rustproof and easily cleaned. Ship. wt. 2 lbs. **$3.95.**

De Luxe Kit

**Sudbury Soil Testing Kits**

Equipment for simple, dependable soil tests which you can make at home to determine the requirement for nitrogen, phosphorus, potassium and acidity.

**Home Gardeners' Kit** (Model D). Wt. 1 lb.
For 20 tests. . . . . **$2 98**

**Jr. Professional Model** (Model C). Wt. 2 lbs.
For 50 tests. . . . . **$5 89**

**Horticultural Soil Test Kit** (Model B). Wt. 6 lbs.
For 60 tests. . . . . **$14 95**

**DeLuxe Soil Test Kit** (Model A). Wt. 15 lbs.
For 200 tests. . . . . **$29 95**

**Refills.** 2 ozs. **$1**; 6 ozs. **$2.**

# Tools for Specific Purposes

**Newman Tree Trimmer**

A tool of great mechanical strength, with blade properly tempered for dependable performance—capable of cutting 1½-in. branches. Complete with 10-ft., 2-section pole, 1½ in. in diameter and equipped with a multiple pulley. Wt. 7½ lbs. **$16.50.**

Extra 5-ft. extension. wt. 3 lbs. **$4.**

**Jointed Tree Pruner,** two sections, each 6 ft. long. Lightweight, durably constructed; easily cuts fruit stocks and soft wood. Spring action releases the knife for additional cuts. Steel reinforcements give extra strength at the joints. Wt. 7 lbs. **$8.50.**

**One-Piece Tree Pruners**

10 ft., wt. 5 lbs. ..... $5 50
12 ft., wt. 6 lbs. ..... 6 50

1. 2. 3. 4.

## PRUNING SHEARS

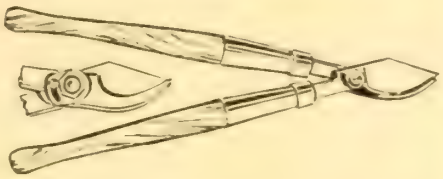
**Red Barn Slice Cut** (1) A serviceable, well-built chrome-finish shear of specially forged steel. Replaceable parts add years of usefulness. Pistol-grip handles offer a firm purchase and open-end design prevents pinching. Wt. 1 lb. **$5.**

**Adjustable Pruning Shears** (2). Quality steel with detachable blade adjusted for tightness by turning a ratchet nut. 9 in. long. Built for hard usage. Wt. 1 lb. **$2.50.**

**California Pattern.** Same as above but without ratchet nut. Wt. 1 lb. **$2.**

**Ladies' Pruning Shears** (3). Lightweight and effortless to use. V-shaped blade pressed against a non-dulling soft metal anvil that easily cuts ¾-in. branches. 6 in. long. Wt. ¾ lb. **$2.50.**

**Imported Pruning Shears** (4). Beautifully machined, 8¼-in., drop-forged steel shears, expertly heat treated, ground and polished. Double-cut action severs branches close without injury to bark. 8¼ in. long. Wt. 1 lb. **$5.**



**High Grade American Lopping Shears.** High-grade tool steel, carefully ground and fitted with 26-in. white ash handle for cutting underbrush and limbs. Wt. 5 lbs. **$5.**

**Domestic Hedge Shears.** Blades of cutlery steel solidly attached to lacquer-finish, well-balanced handles made for rugged use. Wt. 3 lbs. **$3.75.**

**Imported English Shears.** Tempered hand-forged and fully polished steel blades and hardwood handles, steel-ferruled to prevent loosening or splitting.

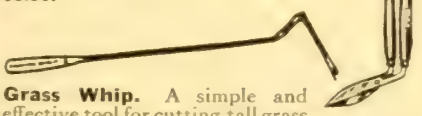
10-in. blade, notched. Wt. 5 lbs. **$4.75.**

6-in. blade, plain. Wt. 3 lbs. **$3.50.**

**Border Shears.** Designed to trim grass along edges of borders, flower beds and walks. 9-in. blades of high-grade tool steel; polished handles and blades.

Vertical-action blade. Wt. 5 lbs. **$9.50**

Horizontal-blade action. Wt. 5 lbs. **$8.50.**



**Grass Whip.** A simple and effective tool for cutting tall grass and weeds. Removable 8½-in. blade and 35-in. handle. Wt. 2 lbs. **$1.65.**

**Brush Hook.** Ideal tool for trimming underbrush and cutting down old hedges. Complete with hardwood handle. Wt. 5 lbs. **$4.25.**

**Kumfort Knee Pads.** Rubber knee cushions with adjustable straps to keep them from slipping when you walk. Ideal when hand weeding or doing knee-work indoors. Pair $2.25.

**Ladies' Lightweight Knee Pads.** (Not illustrated.) Made of sponge rubber, cup shaped, with supporting straps. Pair **$2.**

**Customer Pays Transportation Unless Otherwise Specified**

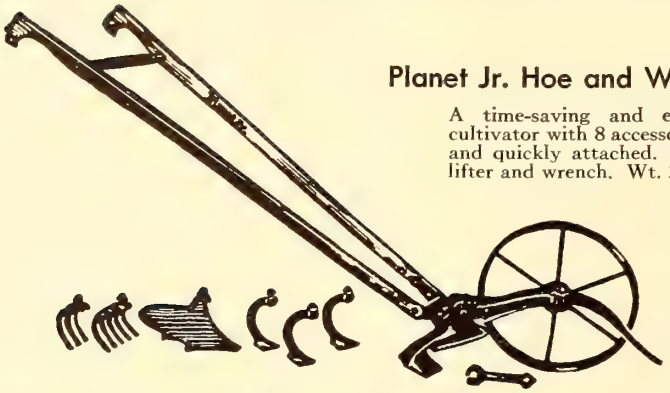
**● Spading Fork ● Hoe ● Brume Rake ● Bow Rake ● Shovel ● 4-tine Weeder**
**Plus Wall Tool Holder**

Six basic True Temper gardening tools of nationally recognized quality, assembled to sell as a set at a truly economical price. Complete with wall rack that has room for 6 more tools. A great buy, typical of all Red Barn offers. Wt. 21 lbs. Set, **$13.95.**

Acclaimed with enthusiasm by our customers. Tools are lighter in weight and construction than standard gardening tools, making them ideal for work that is not so heavy, or for ladies' use. Price as a set **$6 95**

Hoe Wt. 2 lbs. . **$1 60** Fork Wt. 2 lbs. **$2 00**
Rake Wt. 2 lbs. **1 75** Shovel Wt. 3 lbs. ..... 2 00

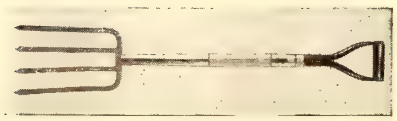
# The Better the Tools . . . the Better



## Planet Jr. Hoe and Wheel Cultivator

A time-saving and efficient single-wheel cultivator with 8 accessories which are easily and quickly attached. Complete with leaf-lifter and wrench. Wt. 26 lbs. **$14.95.**

**Double - Wheel Hoe.** Ideal for cultivating both sides of a row in one operation. Wheels are set to permit straddling plants to 20 in. high. Accessories as with single-wheel model. Wt. 32 lbs. **$19.50.**



## HIGH-GRADE FORKS

Forks of excellent quality, with sturdy hardwood handles and properly tempered, well-finished steel tines.

**Spading Forks.** Tines spear-pointed, with diamond-shaped back. Handles are strap-reinforced on either side.

4-tine, D handle. Wt. 4 lbs. . . . . $2 75
4-tine, D handle, lightweight. Wt. 3 lbs . . . . . 2 25

**Manure Forks.** Oval-shaped tines.

4-tine, D handle. Wt. 4 lbs. . . . . $2 75
5-tine, D handle. Wt. 4 lbs. . . . . 3 00
6-tine, D handle. Wt. 4 lbs. . . . . 3 50

Long-handled forks in the above styles available at the same prices. Specify handle type when ordering.

**English Type Digging Forks.** Tines are sharp, for heavy land and difficult forking.
4-tine, D handle. Wt. 4 lbs. . . . . $3 50

**Hay Fork**
3-tine, 4½-ft. handle.
Wt. 4 lbs. . . . . $3 50

**Gem Transplanting Fork**
An indispensable tool for breaking sod or hard ground. Sharp-pointed steel tines polished halfway and adjoining part lacquered bronze. Polished hardwood handle. Length overall, 11 in. Wt. 1 lb. **$1.**

*Fix leaking walls or cellar with*

**AQUELLA**

The mineral surface coating that was used to control seepage and dampness in the Maginot Line after other materials failed. Won't powder, peel, flake or rub off. Mixed with water, one bag makes 1 gal. First coat covers 60 to 120 sq. ft. per gal.; second coat, 200 to 250 sq. ft. For interior or exterior use. White only. **Bag $3.95, postpaid.**


**Customer Pays Transportation Unless Otherwise Specified**

**Draw Hoe.** High-grade polished cast steel blade. 6 in. wide, thin and spring-tempered, attached to a long hardwood handle by socket shank. Wt. 3 lbs. **$1.85.**

**Diamond Point Push Hoe.** For surface weeding with irregular cutting edge and 54-in. handle. Width 6 in. Wt. 3 lbs. **$2.25.**

**Scuffle Hoe.** A common and useful tool for surface weeding that quickly severs the top of weeds from their roots. Valuable for weeding drives. Blades are of finest forged English Sheffield steel, strongly attached to hardwood handles. 4½ feet long.
4-in. blade. Wt. 2 lbs. . . . . $2 25
6-in. blade. Wt. 3 lbs. . . . . 2 75
8-in. blade. Wt. 3½ lbs. . . . . 3 75

**Italian Grub Hoe.**
A husky tool made for heavy work, like grubbing out roots and digging drains in difficult soil. Polished, hot forged blade is 7 x 9 in. 3½-ft. handle. Wt. 5 lbs. **$3.75.**

## Scythe Blades

**Domestic.** Constructed of 3 pieces of crucible steel—body, back and edge welded together, drawn out and refined under hammers, then hardened and tempered.
32 in. Wt. 2 lbs. . . . . $3 75
34 in. Wt. 3 lbs. . . . . 4 25

**English.** Quality Sheffield steel used for long-lasting edges. Light and strong. 33 to 36 in. Wt. 2 lbs. **$5.**

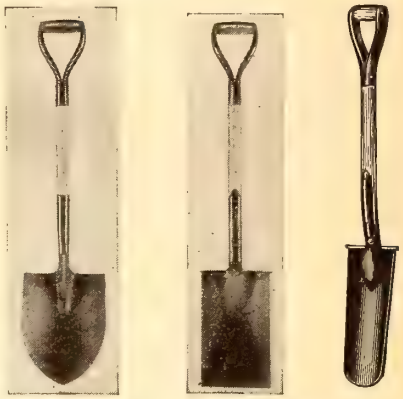
**Austrian.** Preferred by exacting gardeners for workmanship and balance when attached to snath. 30 to 34 in. Wt. 2 lbs. **$6.**

**Scythe Snath.** Regular bend style in varnished hardwood. Reinforced grip handles. Wt. 3 lbs. **$4.50.**

**Emery Rifle.** Wt. 1 lb. **40c each; $4.25 doz.**

**Ohio Red Stone.** Wt. 1 lb. **45c each; $5 doz.**

**English Round Tapering.** Wt. 3 lbs. **85c each; $9.50 per doz.**



## SHOVELS AND SPADES

Well-built tools with strong, finely finished steel blades securely fastened to durable hardwood handles.

**Shovels**
Square point, D handle. Wt. 5 lbs. . . . $2 75
Round point, D handle. Wt. 5 lbs. . . . 2 75
Square point, long handle. Wt. 5 lbs. . . . 2 75
Round point, hong handle. Wt. 5 lbs. . 2 75
Round point, special hollow-back, D handle. Wt. 4 lbs. . . . . 2 25

**Spades**
D handle. Wt. 4 lbs. . . . . $2 75
D handle, lightweight. Wt. 3½ lbs. . . . 2 25

**Drain Spade.**
D handle. Wt. 5 lbs. . . . . $5 50

**Eureka Weeder.**
Sharp steel, well-tempered claws securely fastened to smooth 6-in. wood handle. Designed for hard work. Wt. 1 lb. **$1.50.**

**Hazeltine Weeder.**
A very popular style of hand weeder. Back of steel blade full polished and both edges well sharpened. Wt. 1 lb. **60c.**

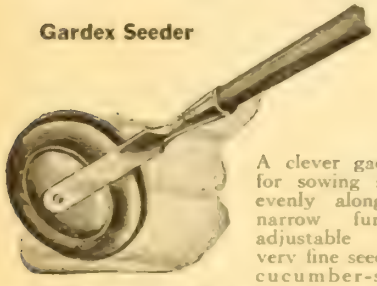
**Magic Weeder.** Four durable spring-tooth tines, firmly attached to 42-in. light wood handle. Ideal for close weeding and cultivating. Wt. 2 lbs. **$1.75.**
**Hand Model.** 3 tines. Wt. 1 lb. **35c.**

**Dandelion Weeder and Cutter.** A V-cut blade of high carbon steel as sharp as a chisel for cutting heavy-rooted weeds. Blade 1¼ x 2½ inches, firmly attached to 3½-ft. handle. Wt. 1 lb. **$1.35.**

**Asparagus Knife.** Hammer forged from tool steel, hardened and tempered to withstand rough usage. Well-sharpened notch blade for cutting weeds as well as asparagus. Wt. 1 lb. **95c.**

# the Results from Your 1952 Garden . . .

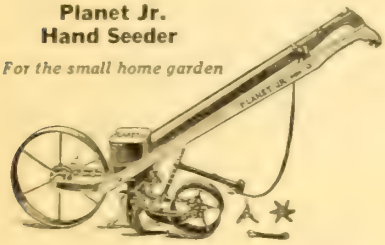
**Gardex Seeder**



A clever gadget for sowing seed evenly along a narrow furrow adjustable for very fine seed or cucumber-size seed. The seed chamber is in the center and is filled by twisting the two discs and pulling them apart. The seed capacity is ½ pt.; diameter of the discs 4½ in. Complete instructions furnished with each seeder. Wt. 1¼ lbs. **$1.70.**

**Planet Jr. Hand Seeder**

*For the small home garden*



Invaluable for the small home garden. Sows seed in a continuous drill, at intervals varying from 4 to 24 in., opening the seed furrow, dropping the seed, covering and firming the soil as it is propelled forward. Seed chamber is removable for unhindered use of hoe or cultivating accessories. Wheel diameter 11 in.; seed capacity 2½ qts.

Single-wheel model. Wt. 45 lbs. . . . . $31 95

Double-wheel model. Wt. 55 lbs. . . . . 36 95

## Speedy Weeder

Heavy-duty, 4-tined cultivator with sharply pointed tines and strong handle. Tines are 5⅛ in. long and attached to a 5½-ft. wood handle. Wt. 2 lbs. **$2.25.**

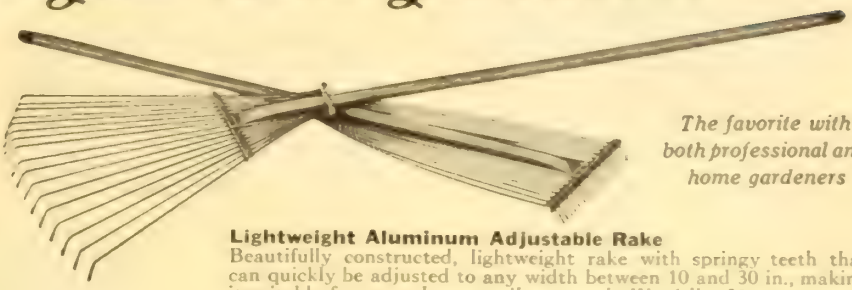
## Five-Prong Cultivator

Teeth that easily penetrate the soil are adjustable from 1 to 7-in. width. Equipped with 5-ft. handle. **$2.25,** postpaid.

## Grass Hooks

**Long-Handled Grass Hook.** Broad, 12½-in., good-quality steel blade with 42-in. hardwood handle, used for cutting long, tough grass. Wt. 4 lbs. **$1.75.**

**Short-Handled Grass Hook.** Detachable blade, similar to the above, on adjustable hardwood handle. Wt. 1 lb. **$1.25.**

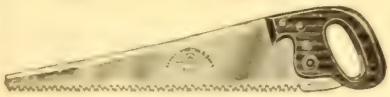


*The favorite with both professional and home gardeners*

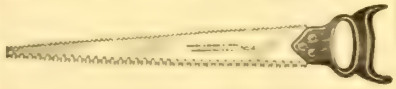
**Lightweight Aluminum Adjustable Rake**
Beautifully constructed, lightweight rake with springy teeth that can quickly be adjusted to any width between 10 and 30 in., making it suitable for grass, leaves, soil or gravel. Wt. 1 lb. **$3.98.**

## Saws for All Purposes

**No. 1. Pole Tree Pruning Saw.** A peg-tooth blade 16 inches long, adjustable to three positions. Fastened to casting with bolt and wing nut and attachable to a pole of any desired length. Has hook to dislodge cut limbs. Without pole. Wt. 1 lb. **$4.25.** (Not illustrated.)



**No. 2. Tuttle Tooth Saw.** Extra-sharp teeth, for hardwood cutting. 20-in. blade $4.75; 24-in. blade, wt. 2 lbs., **$5.50.**



**No. 3. Duplex Saw.** Lightning teeth on one edge and fine cutting teeth on the other. 18-in. blade, wt. 1 lb., **$3.25.**

**No. 4. Folding-Handle Saw.** Fine cutting teeth. Handle is fastened to blade with wing nut and rivet. 12-in. blade, wt. 2 lbs., $2.85.

**No. 6. Cross-Cut Saw.** General-purpose saw for home and garden. 26-in. blade, wt. 2 lbs., $6.75.

**No. 7. The Forester.** 1½ in. wide at point, 3½ in. at butt. Extra-large peg teeth. Will not bind. 26-in. blade, wt. 2 lbs., $4.25.

**No. 8. Paragon Saw.** Curved blade with teeth on concave edge. Rip teeth cut on the pull. 22-in. blade, wt. 1¾ lbs., $3.25.

**No. 9. One-Man Crosscut Saw.** Sharp tuttle teeth for rapid cutting. Particularly good for hardwood. 3-ft. blade, wt. 9 lbs., $7; 4-ft. blade, wt. 5 lbs., $8.75.

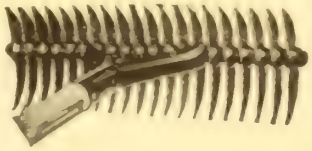
## Sickles

**Domestic.** Blade 16 in. long, full polished and sharp, treated with rust-proofing material. Handle designed for easy swinging. **$1.**

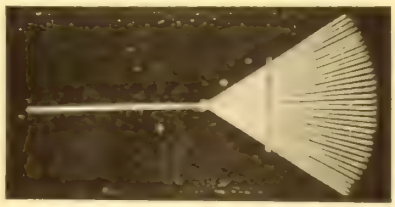
**English.** Razor-thin blade reinforced with steel rib riveted across top. Hardwood handle. Wt. 1¾ lbs. **$2.**

**Austrian.** Hand-forged steel blade, reinforced with steel ferrule. Tang extends through handle and is clinched at end. Wt. 1 lb. **$2.25.**

**Purchaser Pays Transportation Unless Otherwise Specified**



**Cavex Rake.** Especially designed for use in lawn work—particularly on creeping bent, where it is useful in removing Bermuda and crabgrass patches. Teeth are of stiff steel and sharp pointed, strongly fastened to a long, hardwood handle. Wt. 4 lbs. **$3.50.**

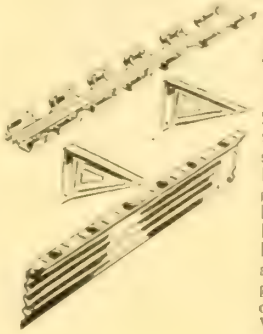


**Bamboo Rake.** Imported bamboo reinforced with metal band and wire spiral. Long wearing and ideal for light work.

18 in., wt. 2 lbs., $1.50; 24 in. wt. 3 lbs., **$1.75;** 30 in., wt. 4 lbs., **$2.25.**

**Steel Brume Rake.** Flat, spring-steel teeth, slightly bent at the ends, make a very practical tool to use on turf without injury to the grass plants. Wt. 3 lbs. **$1.35.**

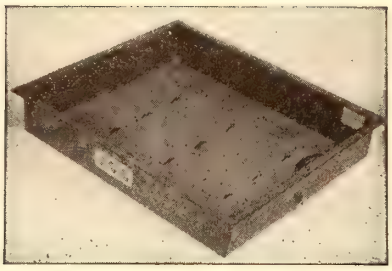
**Steel Garden Rake.** Durable steel rake with curved teeth and a bow attachment to its 5-ft. handle. Particularly useful for grading and leveling areas for planting. 16 teeth. Wt. 2 lbs. **$2.50.**



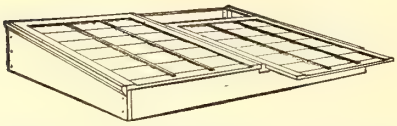
**Gardeneer Tool Rack**

Easily installed. Securely holds 10 tools close to wall, saving space and keeping them in good order. Can be used for household mops, brooms, etc. Durable metal painted green with orange brackets. Wt. 5 lbs. **$3.**

# Miscellaneous Garden Aids



**Metal Water-Right Seed Flat.** Ideal for starting seed indoors. Patented inner plate permits watering from below. All metal construction, made for years of service. Flat has a drain plug for removing excess water. 15 x 13 x 2¾ in. Wt. 4 lbs. **$2.85.**



**Hotbeds and Coldframes.** Well-made frames of cypress with bolting angle irons to firmly fasten the corners. Frames are 8 in. deep at front, 16 in. at back.

| Size | Frame only | Wt. | With Sash | Wt. with Sash |
|---|---|---|---|---|
| **Single Sash** | | | | |
| 3 x 6 ft. | $25 25 | 53 lbs. | $42 00 | 93 lbs. |
| **Double Sash** | | | | |
| 6 x 6 ft. | 33 00 | 73 lbs. | 66 50 | 153 lbs. |
| **Triple Sash** | | | | |
| 9 x 6 ft. | 41 75 | 96 lbs. | 92 00 | 216 lbs. |

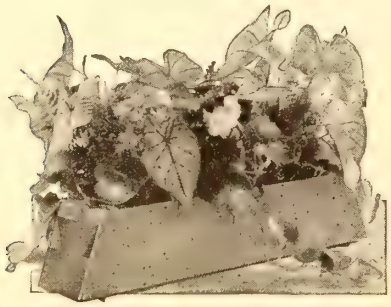
Packing and crating for 1 to 4 sash, $2 extra.

**Standard Sash.** Cypress, measuring 3 x 6 ft., 1⅜ in. thick with 3 rows of 10 x 12-in. double thick greenhouse glass and two coats of white paint. Wt. 40 lbs. **$16.75.**

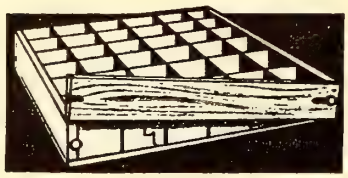
**Half-Length Frames.** Constructed with front depth of 8 in., back 12 in., for sash 3 x 3 ft.

| Size | Frame only | Wt. | With Sash | Wt. withsash |
|---|---|---|---|---|
| **Single Sash** | | | | |
| 3 x 3 ft. | $14 75 | 28 lbs. | $23 50 | 55 lbs. |
| **Double Sash** | | | | |
| 6 x 3 ft. | 18 50 | 42 lbs. | 36 00 | 96 lbs. |

**Half-Length Sash.** 3 x 3 ft. **$9.50.**
Packing and crating for 1 to 4 sash, $1.75 extra.



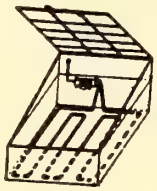
**Indoor Window Box.** A smart, modernistic metal window box measuring 27 x 6 x 6 in., finished in green enamel. Equipped with bottom drainage plate. Watering may be done through the sides to prevent splashing. Wt. 4 lbs. **$4.**



**Fitted Seed Flats.** Wooden flats fitted with kraft board pots and constructed with one removable side for easy removal of pots. Pots have a base which may be unlocked for setting plants without disturbing the root system.
With 36 2-in. pots **$1** each; **$11.25** per doz. (wt. 5 lbs.)
With 16 3-in. pots **90c** each; **$10.75** per doz. (wt. 5 lbs.)
The 2-in. pots are suitable for most flowering plants and smaller vegetables; 3-in. pots for tomatoes, eggplant, cabbage, etc.

| **Kraftboard Pots** | 100 | 1000 |
|---|---|---|
| 2 in. Wt. per 1000, 1 lb. | $0 90 | $8 00 |
| 3 in. Wt. per 1000, 3 lbs. | 1 34 | 12 00 |

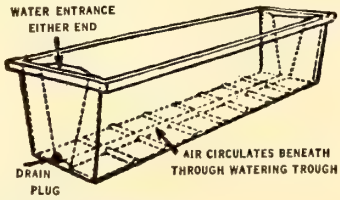
**Cypress Flats.** For starting plants indoors or in coldframes. Of select cypress, 12 x 18 x 3 in. **90c** each; **$10** per doz. Wt. 5 lbs.
Complete with 54 2-in. square paper pots. **$1.45** each; **$17** per doz. Wt. 5 lbs.



**Electric Hotbed Heater**
A practical, thoroughly tested cable for heating soil in hotbeds, permitting you to plant seed earlier and have well-started seedlings by transplanting time. Available in two sizes, both complete with thermostat.
80 ft., 400 watt, for 6 x 6-ft. bed. Wt. 2 lbs. **$9.**
40 ft., 400 watt, for 3 x 6-ft. bed. Wt. 2 lbs. **$6.75.**

**Celoglass.** Plastic-treated wire mesh for use in hotbed sash, temporary windows, storm doors, etc. Sunlight passing through Celoglass does not lose the benefits of ultra-violet rays.
Sq. yd. Wt. 2 lbs. ..... **$1 50**
25-ft. roll, 3 ft. wide. Wt. 23 lbs. ..... **12 00**

**Waterproof Mats for Hotbeds.** Of strong waterproof cloth, warmly lined with waste wool and cotton and quilted to hold the lining in place.
40 x 76 in. Wt. 7 lbs. ..... **$7 50**
76 x 76 in. Wt. 12 lbs. ..... **12 00**




**Outdoor Window Boxes**
Of galvanized sheeting with green enamel finish.
Guaranteed for five years of service. Inner plate is made to distribute water evenly at the base from built-in funnels at either end. Boxes are watertight and have a drain plug for removing excess water.

| | Length | Width | Depth | Wt. | |
|---|---|---|---|---|---|
| No. 1 | 20 in. | 7 in. | 6 in. | 2 lbs. | $3 25 |
| No. 2 | 26 in. | 7 in. | 6 in. | 3 lbs. | 3 75 |
| No. 3 | 32 in. | 7 in. | 6 in. | 4 lbs. | 4 25 |
| No. 4 | 38 in. | 7 in. | 6 in. | 6 lbs. | 5 00 |
| No. 5 | 44 in. | 7 in. | 6 in. | 7 lbs. | 6 00 |

**Customer Pays Transportation Unless Otherwise Specified.**

**Perfect Garden Labels**
Indestructible gray-green composition with Duco-like finish. Inscriptions with ordinary lead pencil are waterproof, yet may be erased for changes.

**Rock Garden.** Face 1¾ x ⅞ in.; 4 in. long. **$1.15 per doz.; $2 for 25; $7.90 per 100.**

**Border.** Face 2 x 1 in.; 5 in. long. **$1.25 per doz.; $2.40 for 25; $9.25 per 100.**

**Tie-On** (with copper wire). 3½ x ¾ in. **65c per doz.; $1.25 for 25; $3.60 per 100.**

**Show Garden.** Face 2 x 1¼ in.; 7 in. long. **$1.50 per doz.; $2.90 for 25; $11.25 per 100.**

**Pot, Tapering.** Face 4 x ¾ in. **55c per doz.; $1 for 25; $3 per 100.**
Wt. per 100 on above, 1 lb.

**Duramark Labels.** Of durable green plastic. A flat label which can be marked on both surfaces with an ordinary lead pencil. Unaffected by soils, rain, sprays or sunlight. Last for many seasons. 20 labels **$1.** Wt. 8 ozs.

**Wooden Labels**

**Plain**

| Size in inches | 100 | 1000 | Wt. per 1000 |
|---|---|---|---|
| 3½ x ½ Wired | $0 45 | $4 35 | 4 lbs. |
| 4 x ⅝ Wired | 40 | 3 25 | 4 lbs. |
| 5 x ⅝ Wired | 45 | 3 50 | 4 lbs. |
| 6 x ⅝ Wired | 50 | 4 50 | 5 lbs. |
| 8 x ⅞ Wired | 1 00 | 8 50 | 12 lbs. |
| 10 x ⅞ Wired | 1 50 | 12 00 | 14 lbs. |
| 12 x 1½ Wired | 2 00 | 16 00 | 16 lbs. |

**Painted**

| Size in inches | 100 | 1000 | Wt. per 1000 |
|---|---|---|---|
| 3½ x ½ Wired | $0 55 | $5 25 | 4 lbs. |
| 4 x ⅝ Wired | 45 | 4 00 | 4 lbs. |
| 5 x ⅝ Wired | 60 | 5 50 | 4 lbs. |
| 6 x ⅝ Wired | 80 | 7 50 | 5 lbs. |
| 8 x ⅞ Wired | 1 25 | 10 50 | 12 lbs. |
| 10 x ⅞ Wired | 1 55 | 12 50 | 14 lbs. |
| 12 x 1½ Wired | 2 50 | 20 00 | 16 lbs. |

**Celex Labels.** Weatherproof labels, 3 x ½ in., which will last for years. Writing may be erased and labels used over and over. Supplied with copper wires. **25c per doz.** (wt. 6 ozs.); **$1.85 per 100** (wt. 1 lb.)

**Label Pencil.**
For jet-black waterproof marking on labels. **15c each; $1.75 per doz.** (wt. 1 lb.)

**GERMACO HOTKAPS.**
Waxed-paper plant protectors scientifically made to protect individual plants from frost and to hasten their development.
25 Kaps and Setter. Wt. 1 lb. ..... **$0 85**
100 Kaps and Setter. Wt. 5 lbs. ..... **3 00**
200 Kaps with Setter and Tamper Wt. 10 lbs. ..... **5 65**
1000 Kaps. Wt. 34 lbs. ..... **17 35**

**Steel Germaco Hotkap Setter.** Wt. 3 lbs. **$1.95.**

**TWIST-EMS**
The handy plant tie. Simply place around stem, twist and it is tied. Deep green in color to blend with foliage. 8-in. length, 100 for **25c.** 16-in. length, 100 for **50c.** 250-ft. roll, **$1.10,** postpaid.

# *Useful Garden Equipment*

**Plant Stakes, Wood, painted green.**
**Light,** with tapered ends for staking gladiolus, delphinium, etc.

| Length | Wt. per doz. | Doz. | 100 |
|---|---|---|---|
| 3 ft. | 2 lbs. | $1 25 | $9 00 |
| 4 ft. | 4 lbs. | 1 75 | 13 00 |
| 5 ft. | 7 lbs. | 2 50 | 18 00 |

**Heavy,** with tapered ends for staking dahlias, young trees, etc.

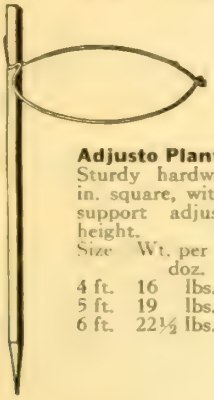
| | | | |
|---|---|---|---|
| 3 ft. | 4 lbs. | $1 75 | $14 50 |
| 4 ft. | 8 lbs. | 2 25 | 16 50 |
| 5 ft. | 14 lbs. | 2 75 | 19 50 |
| 6 ft. | 28 lbs. | 3 50 | 25 00 |

**Light bamboo cane** stained green. For delphinium, gladiolus, etc. Thin and strong.

| | | | |
|---|---|---|---|
| 2 ft. | 1 lb. | $0 30 | $1 25 |
| 3 ft. | 2 lbs. | 40 | 1 50 |
| 4 ft. | 3 lbs. | 50 | 2 50 |
| 6 ft. | 5 lbs. | 70 | 4 00 |

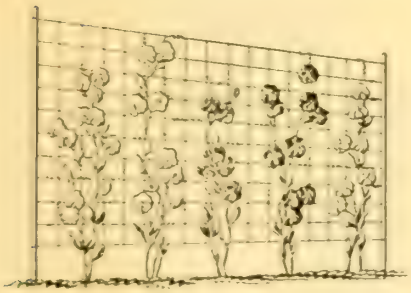
**Plant Props.** Supports for light plants, eliminating need for tying. Of steel, with green baked enamel finish.

| Size | Wt. per doz. | Doz. |
|---|---|---|
| 30 in. | 3 lbs. | $1 50 |
| 42 in. | 7 lbs. | 1 75 |
| 66 in. | 11 lbs. | 2 75 |



**Adjusto Plant Supports**
Sturdy hardwood stakes, 7/8 in. square, with a strong wire support adjustable to any height.

| Size | Wt. per doz. | Each | Doz. |
|---|---|---|---|
| 4 ft. | 16 lbs. | $0 40 | $4 50 |
| 5 ft. | 19 lbs. | 45 | 5 00 |
| 6 ft. | 22½ lbs. | 50 | 5 50 |



**Train-etts**
Used to support sweet peas in preference to wire, which has a tendency to burn young tendrils when it gets hot in bright sunlight. Made of cotton netting, processed to withstand much weathering.

| | | Postpaid |
|---|---|---|
| Size 1. | 60 x 72 in. | $0 65 |
| Size 2. | 60 x 96 in. | 85 |
| Size 3. | 60 x 180 in. | 1 25 |

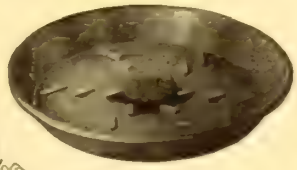
**10,000 Garden Questions Answered,** by 15 Experts. A garden guide in great demand throughout the year. From our book department. **$4.95.**

**Wayward Vine Guide and Support**
For training ivy, trees or shrubs against a wall of brick, stucco or stone without defacing the surface. Box of 25, including cement. Wt. 1 lb., **$1.25.**

**Cedar Plant Tubs**
Made from wood containing a supply of natural oil which prevents the rotting action of water.

| Size | Inside Top Diam. | Inside Depth | Packed Wt. | |
|---|---|---|---|---|
| No. 1 | 10 in. | 9 in. | 3 lbs. | $1 80 |
| No. 2 | 12 in. | 11 in. | 5 lbs. | 2 70 |
| No. 3 | 14 in. | 13 in. | 7 lbs. | 3 90 |
| No. 4 | 16 in. | 15 in. | 9 lbs. | 4 80 |

**Handles** per pair, $1.



**MOIST-SHUR PLANTRAYS**
One of our best sellers. Of finest rubber, with sunken bottom to collect overflow and absorbent pad in the middle which feeds it back to the roots of the plant. Underside is raised to provide ventilation, protect furniture. Good looking; practical.

| Inside Diam. | Each |
|---|---|
| 5½ in. | $0 35 |
| 7½ in. | 65 |
| 10¾ in. | 1 25 |

**AMMATE** *Kills Poison Ivy*
One application kills poison ivy for keeps. Also kills poison oak and sumac. Use 1 lb. per gal. of water to spray over 100 sq. ft. 2 lbs. **$1**; 6 lbs. **$2.70**; 50 lbs. **$13.75**; 350 lbs. **$75.25.**

**WELL-BALANCED WATERING CANS**
Heavy-gauge galvanized iron construction with broad rose which attaches by screw joint, has a removable cap for easy cleaning. 8 qt., wt. 3 lbs., **$2.50**; 10 qt., wt. 4 lbs. **$3**; 12 qt., wt. 5 lbs. **$3.50.**

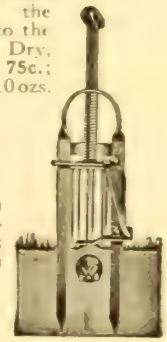
**Ladies' Green Thumb Gloves**
Ideal for garden work. Made of lightweight vinyl-treated fabric, dirt-repellent and washable. Chamois-colored, with green thumb. Large, medium or small size. **98c ppd.**

**Eezywear Garden Gloves.** Ladies' light leather gloves, washable and as soft as kid. Durable. Large, medium or small size. **$1.75 ppd.**

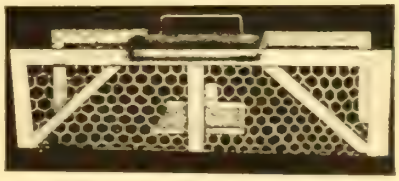
**Men's Calfskin Work Gloves.** Medium and large sizes. **$2.45 ppd.**

**Beetle Trap.** For trapping Japanese beetles in the home garden. Made of rust-resistant galvanized steel, enameled green and yellow. Standard thread base will fit any mason jar. Wt. 2 lbs. **$1.25.**

**Beetle Bait.**
Lures the beetles to the traps. Dry, 4 ozs. **75c.**; Liquid, 10 ozs. **75c.**



**Victor Mole Trap**
A spear-type trap which harpoons the mole, causing instant death. Six prongs. Entire length 16¾ in. Wt. 3 lbs. **$2.**

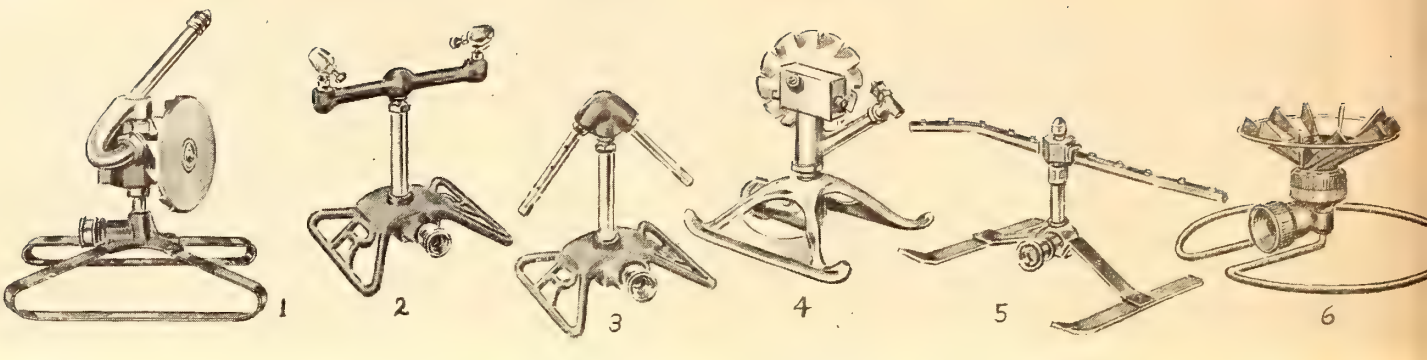


**Havaheart Animal Traps**
Most humane method of trapping undesirable squirrels, rabbits, woodchucks, etc. Will not injure the animal.

| No. | Size | |
|---|---|---|
| 1. | 5x5x18. Weasels, Rats, Chipmunks | $3 50 |
| 2. | 7x7x24. Muskrats, Rabbits, Squirrels | 4 50 |
| 3. | 11x11x36. Woodchucks, Raccoons, Cats | 10 50 |
| 4. | 7x7x42. All kinds of Snakes | 9 75 |
| 5. | 9x18x36. Turtles up to 35 lbs. | 15 50 |
| 6. | 9x9x30. Special Mink Trap | 10 80 |

**Dog and Cat Repellent**
Breaks dogs and cats of bad habits. Spray under evergreens, shrubs, etc. to protect them from neighborhood pets. 12-oz. bottle, **$1** postpaid.

**Customer Pays Transportation Unless Otherwise Specified**




**Model H.** (1) An efficient, long-wearing sprinkler of extra-heavy construction, much used on golf courses and park lawns. With good pressure the extra-long nozzle throws water in a 90-foot circle. Wt. 4 lbs. **$19.50.**

**Reiger Model T.** (2) Nozzle tips are instantly adjusted by turning the rust-proof thumb screw, and the entire area within its 75-foot diameter of coverage is saturated. Chrome and enamel finish. Wt. 5 lbs. **$7.50.**

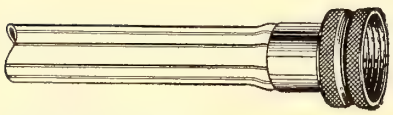
**Reiger Model V.** (3) With ordinary water pressure, this model will gently and thoroughly saturate an area of 50 ft. Adjustable with a simple twist of the self-locking spray arms for straight-away or circular action. Wt. 5 lbs. **$7.50.**

**Junior Rotary.** (4) A thoroughly dependable accessory adjustable to fine mist or heavy spray and directing water in either a rotary or straight-line pattern. Wt. 4 lbs. **$11.50.**

**Dayton No. 12.** (5) A combination sprinkler which is adjustable for distributing water in a rotary motion over an area 45 ft. in diameter, or to cover a square 12 ft. wide. Wt. 3½ lbs. **$6.95.**

**Holland Rotary.** (6) Distributes water like a gentle shower over an area 30 ft. in diameter. Nothing to wear—and only one moving part. Requires no oiling. Wt. 1 lb. **$1.50.**

# To Keep Your Grounds in Top Condition



**Plastic Hose.** Approximately one-third the weight of rubber hose. Resistant to abrading and weathering; does not crack or peel after summer exposure. The clean glossy surface will not soil hands or clothing. ⅝-in. diameter. Green or Red.

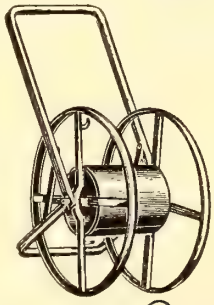
25 ft., wt. 4 lbs. ..... **$5 75**
50 ft., wt. 8½ lbs. ..... **9 95**

**Rubber Hose.** A fine quality, well-constructed ⅝-in. hose for general garden use. Each length is fitted with regulation couplings.

25 ft., wt. 8 lbs. ..... **$6 75**
50 ft., wt. 17 lbs. ..... **12 00**

**Heavy Duty Rubber Hose.** A ¾-in. two-braided corrugated green hose of high quality, coupling-fitted.

50 ft., wt. 18 lbs. ..... **$18 00**
100 ft., wt. 35 lbs. ..... **$30 00**



**Hose Reel.** A substantial reel with tubular handles and half-round steel rims, painted with green enamel. Rim diameter 21 in.; drum diameter 9½ in. Holds 100 ft. of ¾-in. hose. Wt. 25 lbs. **$4.75.**

**Hose Hanger.** A sturdy metal rack, easily attached, to keep your hose in good shape. Supports 100 ft. of hose. Wt. 2½ lbs. **$2.**

**All Prices Subject to Change**

**Square Adjustable Sprinkler Heads.** Fashioned of cast brass, with interior parts of sheet brass. Cap can be unscrewed for cleaning. Capacity 3½ G.P.M. at 30 lbs. pressure. Threaded for ½-in. pipe. Wt. ½-lb. **$1.25.**

**Brass Hose Nozzle.** Adjustable to spray or stream from shut-off. Wt. ½lb. **$1.25.**

**Brass Hose Sprinkler.** A wide-face brass nozzle with many uses, designed for ¾-in. hose. Wt. 1 lb. 3-in. face, **$1**; 4-in. face, **$1.39.**

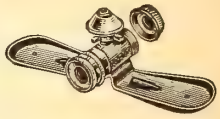
**Fan Shower Sprinkler.** Juts a wide, fan-shaped shower. Ideal for watering seedlings in flats or hotbeds. 5½ in. wide. Wt. ½lb. **$1.50.**

**Siamese Hose Attachment.** To permit use of two sprinklers from one lead. A ¾-in. hose and 30 to 40 lbs. pressure will operate two sprinklers. Wt. ½lb. **85c.**

**Bull Dog Mender.** A simple set of clinch holders to unite two pieces of hose where a leak has been cut out. Attached by inserting the tubes and hammering down the steel fingers. Available for either ½ or ¾-in. hose. Wt. ⅛ lb. **25c** each; **$2.75** per doz.

**Bull Dog Hose Coupler.** A coupling for uniting unfitted hose lengths. Attach like the Bull Dog Menders. Wt. ¼ lb. **65c** each; **$7.50** per doz.

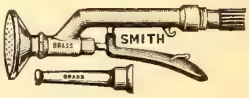
**Erosionet.** An effective open-mesh fabric made of tightly twisted paper twine placed on new lawn or freshly sown embankments to prevent washouts without eliminating sunlight. The material disintegrates after grass becomes established. Rolls 45 in. wide. Wt. per yd., ½ lb. Yd. **28c.**



**Portable Sprinkler System.** Where fixed sprinkler heads and submerged plumbing is either impractical or too expensive, these sprinkler heads for attachment between hose lengths are ideal. Sold in sets of three. Each sprinkler sprays an area 30 ft. across. Wt. of set 1½ lbs. **$4.75.**

**Ring Sprinkler.** Doughnut-shaped, with vertical sides and perforated top, measuring 8 in. across and made of durable polished brass. Wt. 1 lb. **$1.75.**

**Half Ring Sprinkler.** Modeled in heavy brass, 10⅛ in. long and 1⅝ in. high. Coupling attachment centered on the concave side. Wt. ½lb. **$1.40.**




**Aquamatic Nozzle.** A very high-grade nozzle equipped with 3-in. round-face sprinkler and solid stream nozzle. ¾-in. connection. **$4.25.**

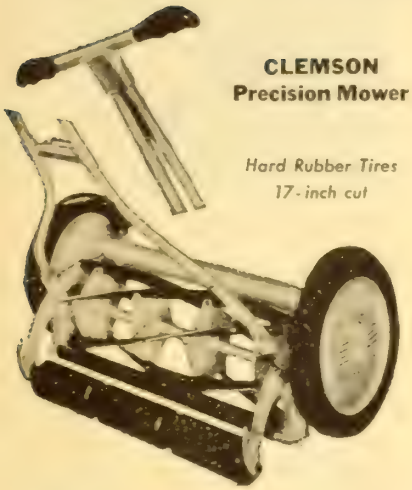
**Elkay Valve Hose Nozzle.** Cleverly designed of amazingly light, non-corrosive metal alloy. Extremely durable, with a machined valve seat and fingertip control for stream or spray of water. Wt. 6 ozs. **$1.65,** postpaid.

**Soil Soaker.** A porous canvas hose, 2 in. in diameter, for irrigating shrubs, lawn or flower beds. Water seeps through the pores and eliminates washout caused by forceful streams of water from a nozzle. 12 ft., wt. ½lb. **$2.10**; 18 ft., wt. ¾lb. **$2.75**; 30 ft., wt. 1 lb. **$4.10**; 50 ft., wt. 1½ lbs., **$6.60.**

**Brass Swivel Elbow.** For underleaf spraying. Screws to nozzle and may be turned to any angle desired. ¾-in. male and female thread. Fits most spray nozzles and extension pipes. Wt. ¼lb. **$1.**

**Customer Pays Transportation Unless Otherwise Specified**

# Customer-Tested Lawn Equipment

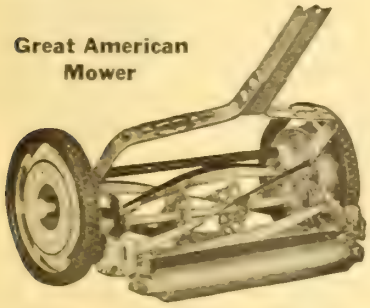


**CLEMSON Precision Mower**

*Hard Rubber Tires*
*17-inch cut*

For those who want the very best hand mower. The finest constructed mower on the market. Recommended for easy handling, easy cleaning, more stable alignment and close side and front cutting. A simple device for altering cutting height operates quickly and efficiently without tools. Die-cast wheels running on roller bearings. Finger-grooved plastic handles with bracket to hold grass catcher. Wt. 35 lbs. $33.95.
**Catcher.** Wt. 3 lbs. $2.50.

**Great American Mower**



Reliable heavy-duty machine. Can be adjusted to cut grass at ½ to 1½ in., or will cut grass 6 in. high. Wheels are 10 in. across and fitted with hard rubber tires.

| | |
|---|---|
| 15 in., 5 blades. Wt. 51 lbs. | $31 40 |
| 17 in., 5 blades. Wt. 52 lbs. | 33 35 |
| 19 in., 5 blades. Wt. 57 lbs. | 36 60 |

**Grass Catcher.** 15 and 17 in. $2.50. 19-in. Wt. 4 lbs. $4.

**Mower Sharpener.** Adjustable to all types and makes of lawn mowers. The abrasive stone is of alundum. Nickel-plate finish. Wt. ¾lb. $1.25.

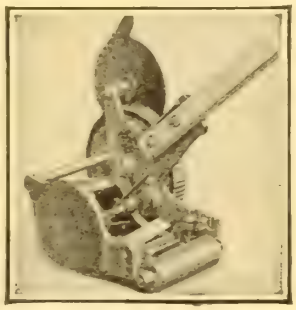
**Water Wand.** A bright cadmium-finish tool, resistant to corrosion, 52 in. long and attachable to any garden hose. Valuable for watering the back of flower beds. Discharge head 1¾ in. diameter; 1¾ in. long. Capacity 15 gals. per min. Wt. 1 lb. $4.

**Spike Lawn Disk**

Valuable as a cultivator to use before reseeding, fertilizing and top-dressing. Tray is for ballast.

**Junior.** Eight 10-in. discs 16 in. wide. Wt. 35 lbs. $15.

**Senior.** Nineteen 10-in. discs 18 in. wide. Double handle. Wt. 130 lbs. $45.



**Pennsylvania Lawn Trimmer and Edger.** Equipped with steel disc and small plow. Width of cut, 6 in. Mows close to trees, walls, paths, and flower beds. Wt. 26 lbs. $24.75.

**Rowel-Ezy Edger.** Edges and shears at the same time. Roller or driving wheel operates at any angle on grass or concrete. Cuts moving backward or forward. Wt. 3 lbs. $4.95.

**Planet Jr. Revolving Disc Edger.** A handy gadget which trims edges simply and easily. Wt. 3½ lbs. $2.75.

**Turf Half-Moon Edger.** A light, easy-to-use tool for slicing turf along the edge of lawn beds. A line or hose should be used as guide. Wt. 2¾ lbs. $2.25.

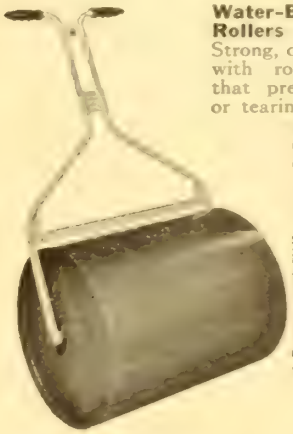
**Customer Pays Transportation Unless Otherwise specified**

**Precision Built LAWN SWEEPERS**

High tensile strength cast aluminum alloy. Lightweight and easy to handle. Non-rusting. Five individual heavy Bassine brushes assure economical upkeep, easy replacement. Large canvas hopper; metal bottom. Convenient removal. Adjustable handle.

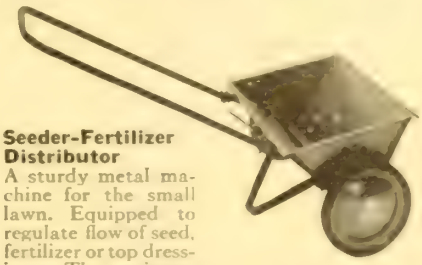
**Parkerette Model.** 20-in. sweeping surface. Brushes 9 in. diameter. Sweeping height up to 2½ in. Semi-pneumatic tires. Hopper capacity 3½ bus. Wt. 36 lbs. $32.

**Parkerette 28 in.** Cast wheels and side plates. Two heavy-duty dual brushes. Foldaway basket. Holds 5½ bus. Wt. 40 lbs. $39.50.



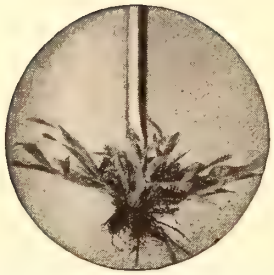
**Water-Ballast Rollers**
Strong, durable rollers with rounded edges that prevent cutting or tearing up sod. A scraper fixed on top of the drum insures a clean surface. When filled with sand, weight is about 50 percent more than when water-filled. Water is more convenient to use.

| Diam. | Length | Ship. Wt. | Wt. Filled | |
|---|---|---|---|---|
| 14 in. | 24 in. | 55 lbs. | 165 lbs. | $19 00 |
| 18 in. | 24 in. | 70 lbs. | 230 lbs. | 21 35 |
| 24 in. | 24 in. | 100 lbs. | 400 lbs. | 25 60 |



**Seeder-Fertilizer Distributor**
A sturdy metal machine for the small lawn. Equipped to regulate flow of seed, fertilizer or top dressing. The agitator keeps materials flowing evenly, assuring distribution without waste. All steel wheels on all models except 15 in., which has rubber-tired wheel.

| Spread | Wt. | |
|---|---|---|
| 15 in. | 13 lbs. | $6 95 |
| 20 in. | 22 lbs. | 15 00 |
| 30 in. | 48 lbs. | 17 50 |



**Weedall.** For effective removal of all broad-leaf weeds. No stooping or bending. Cane 36 in. long, with a chromium-plated steel tip. Simply insert, twist and pull. Wt. 1 lb. 2 ozs. **$1.95.**

1
2
3
4

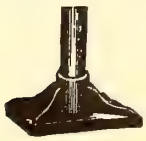
**Doo-Clip Shears.** (2) Self-tensioning, tempered cutlery steel blades with rust-resistant cadmium finish. The grip handles work easily without pinching. Wt. 1 lb. **$1.95.**

**Long-Handled Doo-Clip Shears.** Wt. 1 lb. **$3.50.**

**Miracle Shears.** (4) Newly designed to make this the easiest working shear available. Blades cannot stick, shut or spread out of alignment. Cuts thinnest or toughest grass or weeds. No spring or rivet pressure on blades, which are oil hardened and hollow ground. Wt. 2 lbs. **$2.50.**

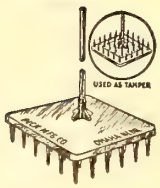
**Scissor-Type Grass Shears.** (3) Drop-forged from cutlery steel; well-tempered, hollow-ground, polished blades. Special tension bolt insures smooth, easy cutting. Well-shaped handles with rounded edges. Wt. 1 lb. **$2.**

**Red Barn Grass Shears.** (1) The most popular grass shears. Finest quality oil-tempered edge and half-polished blades for years of efficient service. Raised handles keep knuckles from the ground. Wt. 1 lb. **$1.50.**



**Iron Sod Tampers.** Helpful when laying turf or compacting sod after frost. Square, and furnished with a 4-ft. handle.

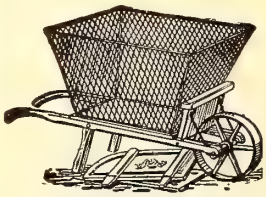
8 x 8 in. Wt. 14 lbs. **$4.**
10 x 10 in. Wt. 18 lbs. **$5.**




**Spike Tamp.** An indestructible perforator and tamper made of malleable iron. Quickly converted by loosening one nut. Plates 9 in. square; spikes 1¾ in. long, tapering. Overall length 4 ft. Wt. 13 lbs. **$7.50.**

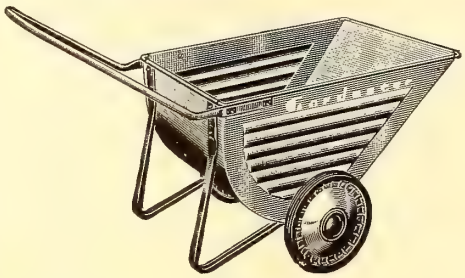
**RED BARN UTILITY WHEELBARROW**

A light, sturdy barrow just right for home garden use. Tray is 32½ x 29 in., made of 18-gauge seamless drawn steel. Ball-bearing, double-disk wheel is 10 in. across, with semi-pneumatic tire. Tubular handles have rubber grips. Green. Capacity 2 cu. ft. Wt. 37 lbs. **$14.85.**



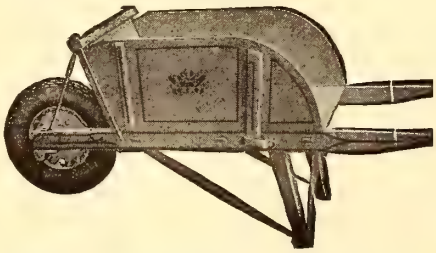
**Wheel-Barrow Leaf Rack.**

A handy device for collecting leaves and litter. Fits on any wheelbarrow with removable sides. Made of galvanized wire, bolted to a wooden base; capacity about 10 bus. Wt. 30 lbs. **Rack only, $18.50.**



**"Gardeneer" Metal Cart**

Sturdily supported sheet-metal body with disc wheels and rubber tires. For a thousand odd jobs. Ideal for grass cuttings, leaves, trash, earth, sand, and gravel. Merely tip down to load, no lifting necessary. Capacity, 3¾ cu. ft. Length, 27 in.; width, 18 in.; depth in center, 14 in. **$8.50.**



**Pneumatic Tire Garden Barrow.** A light, easy-to-push barrow which can be wheeled over the finest of lawns without injury to the sod. Body 26 in. long, 19 in. wide at wheel end, 22 in. at handle end. Equipped with roller bearings. **$30.50.**

Same model with steel rim wooden wheel. Wt. 49 lbs. **$18.50.**

**Swirl-O-Matic.** Attach to hose for a quick car cleaning. Rinses as it cleans, without streaking. Useful for washing windows, screens, etc. For dirty jobs, a free "Magic" detergent is included free. A tool that quickly pays for itself. Wt. 1 lb. **$6.95.**

**Three-Foot Extension.** Wt. ¾lb. **$2.50.**

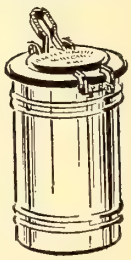
**Flying Disks**

Just a whisper of wind and this amazing disk whirls crazily in space, flashing reflected sunlight and making sharp cracking sounds. Scares birds, dogs, cats and other pests away from the garden. Package of 10 for **10c**, postpaid.

**Gardenade**

Here's something to protect your knees. Fitted with upright handles and a rack for tools as well as a pad of soft sponge-rubber, 14 by 11 in. wide. **$4.50.**

**Extra Heavy Lamco Garbage Receptacle.**



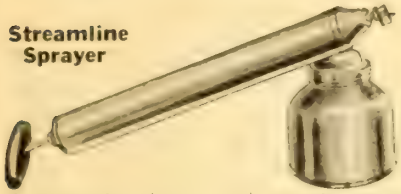
Ruggedly built body of rust-resisting steel; deep parallel beads for stiffness. Electrically welded, heavy plate hinge, asphaltum coated to protect against corrosion. Cover is unbreakable, with self-closing, double-action plate hinges and spacious treadle, finished in green. Inner can heavy galvanized steel with iron hoop reinforcement and asphaltum-coated bottom. 15 gal., wt. 24 lbs. **$21.50**; 20 gal., wt. 38 lbs. **$28.50.**

**Centro Spray.** A handy gadget for spraying house plants. The rubber bulb has a long curved plastic tube and shorter tip; fine-mist rose. Ideal for sprinkling clothes. Wt. 8 ozs. **$1.25.**

**All Prices Are Subject to Change**

# Efficient Sprayers and Dusters

**Streamline Sprayer**

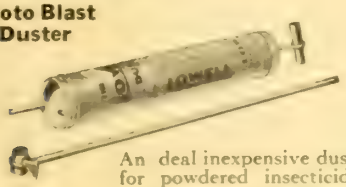


Slow pumping gives a continuous, fine spray. The chamber is seamless solid brass, 1½ x 15 in. Overall length 18½ in. Tank of solid copper. Twin nozzles for straight or angle spraying. **Qt. size, wt. 1 lb., $5.35; pt. size, wt. 12 ozs., $3.60.**

**Dust Master Duster**

A splendid high-grade duster for treating vegetables, fruits and flowers. Efficient for covering underside of leaves. Capacity 25 ozs. Wt. 2 lbs. **$1.95.**

**Roto Blast Duster**



An deal inexpensive duster for powdered insecticides. Long reach and effortless pumping action make dusting jobs simple and certain. Powder chamber 2¾ x 4½ in. Large screw cap makes filling easy. Pump 9½ in., with special plunger and reinforced handle. With 24-in. extension rod and adjustable nozzle. Wt. 1¼ lbs. **$1.95.**

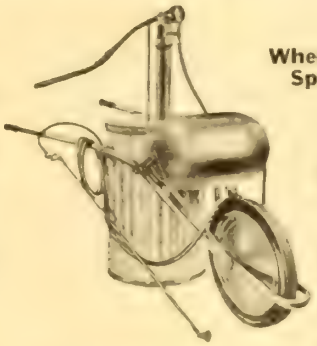
**Insectogun**

Complete garden sprayer. Interchangeable jet for spraying plants and trees. Holds 1 qt. concentrate, which dilutes up to 3 gals. of spray material as operated. Connects to garden hose. For most liquid insecticides and fungicides. Wt. 1½ lbs. **$6.95.**

**Gard-N-Gun.** The original hose spray gun. Efficient for sprayable insecticides and easily cleaned. Jar holds material for 1½ gals. of spray. Detailed instructions enclosed. Wt. 12 ozs. **$2.95.**

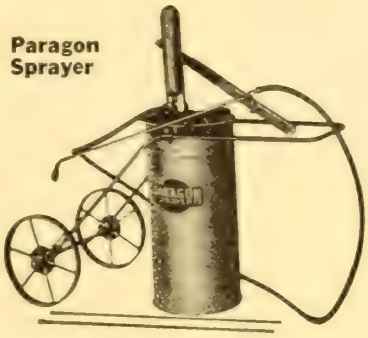
**Pestmaster Sprayer.** High-quality, lightweight, all-brass pump with 18-in. brass angle extension. Nozzle adjustable for fine mist, light or heavy spray or long- distance spray. Has carrying strap. Capacity 1 gal. Wt. 6 lbs. **$10.50.**

**Wheelbarrow Sprayer**



Completely portable one-man sprayer for heavy duty. 18-gal. heavy corrugated tank with reinforcement bands. Sturdy pump and 5-gal. 12-gauge storage tank 2 x 16 in. make it work without constant pumping. 1¾-in. seamless brass pump cylinder; ¾-in. steel air chamber for maintaining 200 to 250-lb. pressure. All pump working parts brass, and brass screen. 32-in. hose extension. Solid wheelbarrow frame with semi-pneumatic tires, comfortable grips. Wt. 86 lbs. **$53.90.**

**Paragon Sprayer**



Barrow sprayer, well built for long service and efficient performance. Brass pump chamber, nozzle and valves. 12-in. chamber ensures high pressure and constant mist spray. Metal agitator surrounds and cleans strainer, keeps solution thoroughly mixed, avoids clogging. Equipment includes 10 ft. hose, 7½ ft. spray pipe, extra nozzle made of steel for whitewashing, etc. Wt. 60 lbs. **$32.95.**

**SPEEDEX Bucket Sprayer**

A sprayer capable of throwing a spray stream 35 to 40 ft. with minimum effort. Slide trombone action. Machine-tooled brass with adjustable non-clogging nozzle. Complete with 6 ft. hose and gooseneck extension for getting under foliage. Wt. 4 lbs. 2 ozs. **$9.85.**

**Crystal Duster.** 40-in. tool for dusting under leaves without stooping. Glass jar shows amount of dust and need for agitating. Discharge tube screened. Wt. 2¼ lbs. **$2.85.**
**Adjustable Spray Nozzle.** Precision-built to fit any type compressed-air tank sprayer. Solid brass. Adjustable for a 30 to 50-ft. stream or a wide mist spray. Wt. 4 ozs. **$4.**

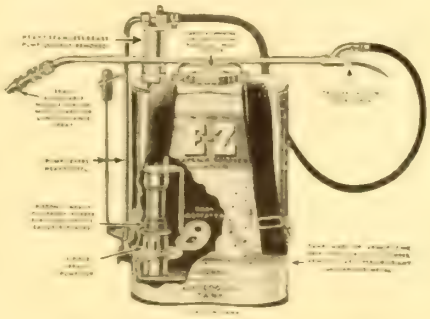
**Jim Dandy Cart Sprayer**

For the man who wants the best! This 5-gal. compressed air sprayer is easily wheeled about on balloon-tired, roller-bearing wheels by man, woman, boy or girl. 5½-in. funnel opening for easy cleaning and filling; air pressure gauge shows air pressure at all times; 12-ft. spray hose screws into tank; Trigger Control automatic shut-off; adjustable nozzle! 65-lb. pressure, sprays to 30-ft. height. It will last a lifetime. Wt. 30 lbs. **$36.50.**

**Red Barn Improved Compressed Air Sprayer**

Tank heavy gauge galvanized steel. Automatic shut-off. Double stage safety lock, large head opening, 2 in. diameter seamless brass pump and 24 in. brass extension. Capacity 4 gals. 65-lb. pressure, sprays about 10 ft. Wt. 12 lbs. **$12.75.**

**Justrite Sprayer.** Galvanized 2-gal. model with seamless brass pump, 12 in. hose, trigger-control nozzle, 12 in. brass angle extension. Wt. 12 lbs. **$8.50.**



**E-Z KNAPSACK SPRAYER**

Continuous flow and even pressure from a nozzle adjustable to any angle. Perfect valve action assured with one solid bronze ball-valve. Equipped with 3-ft. hose and 2-ft. extension. Wt. 18 lbs. Galvanized tank **$28.**

**Customer Pays Transportation Unless Otherwise Specified**

# Tested Quality Sprays—Dusts—Chemicals

## COMBINATION INSECTICIDES AND FUNGICIDES

**Acme.** A multi-purpose product designed to provide in one application the best available protection against most insects and fungi. Suitable for dusting or spraying.
Lb. carton $1.15; 4-lb. carton $3.75

**Fruit Spray.** Combination for spraying or dusting to control many insects and diseases on fruit trees. Contains DDT, lead arsenate, pyrethrum and sulphur.
Lb. sifter canister 65c; 4-lb. bag $1.75

### HORTEX

Unsurpassed for its effectiveness, this new rotenone contact and stomachic insecticidal dust is combined with colloidal sulphur to preserve it and lengthen the period of efficiency. Non-poisonous. For the control of many fungous diseases, also most chewing and sucking insects. Contains 1% rotenone.
Lb. 65c; 5 lbs. $2.75; 25 lbs. $10

**Rose Dust.** A control containing proper toxic ingredients to kill many sucking and chewing insects on roses. Mildew, black spot and some blights are kept in check by added fungicides. Can be used as spray or dust.
Lb. $1; 4 lbs. $3.50

**Vegetable Garden Dust.** A powder containing DDT, rotenone, and ferban. A combination that controls most sucking and chewing insects as well as many fungous diseases. Lb. $1.15

## INSECTICIDES

**Acme Emo-Nik.** Combines contact insect spray with high-quality summer oil emulsion. Controls may scale insects, red spider, mealy bug, white flies, rust mites, aphis, etc.
4½ ozs. 45c; pt. 85c; qt. $1.30; gal. $3.50

**Acme Stop.** Sticky barrier for banding trees, shrubs and vines to prevent insects from crawling up the trunks and stems to destroy the foliage. Effective over a long period. Lb. 95c; 7½ lbs. $5.50

**Tree Bands.** For those who object to direct application. These wool removable bands are placed with "wool" side to the bark, then coated. Tree bands should be used on all young stock and mature trees with smooth bark. Rolls 16 ft. x 3 in. 75c

**Aerosol Insecticide Dispenser.** Contains DDT formula combined with pyrethrum and Freon gas. Kills flies, mosquitoes, ants, bedbugs, roaches, waterbugs, silverfish.
12 ozs. $1.59

**Ant-X Jelly.** Bait for outdoor use. A drop on each ant-hill is sufficient.
1 oz. 35c; estate size $1

**Ant-X Ant Traps.** Safety container for use in house or garden. Just break seal and place where ants can get to it. Cannot be opened by a child or spilled by a pet.
25c each; $2.75 per doz.

**Arsenate of Lead (Powder).** For chewing insects, 2 teaspoonfuls to 1 qt. water; 2 lbs. to 50 gals. Lb. 65c; 4 lbs. $2.25; 24 lbs. $12

**Black Leaf 40.** Nicotine sulphate used for sucking insects. 1 tsp. to 1 gal. water; 1 oz. to 6 gals.
Oz. 35c; 5 ozs. $1.05; lb. $2.45; 5 lbs. $8.25; 10 lbs. $14.50

**Borerkil.** Contains benzene hexachloride to kill most boring insects in trees, shrubs and flowers. Two injectors supplied with each tube. Tube $1

**Cabbage Maggot Destroyer.** Applied to stems and roots before setting plants.
5-oz. jar 75c; 5 lbs. $6

### CHLORDANE DUST 6%

To control ants, cutworms, chinchbugs, chiggers, earwigs, slugs, snails, sowbugs, sod webworms, wireworms, white grubs, Japanese beetle grubs, root-infesting maggots, etc. Used in the home to control cockroaches, silverfish, carpet beetles, etc.
Lb. 55c; 4 lbs. $1.75

**Chlordane 48%.** A liquid concentrate, deadly for a greater number of pests than most insecticides. Has a definite toxic effect on insects for just as long as a reasonable portion of Chlordane is present.
8 ozs. $1.50; qt. $4; gal. $12

**Chlordane 50% Wettable Powder.**
8 ozs. $1.50; lb. $2.50; 5 lbs. $5.65; 10 lbs. $10.80; 100 lbs. $81

**Cutworm Bait.** For control of cutworms, snails, slugs, crickets, etc. Non-injurious to vegetation and very economical to use because of its insolubility in water.
Trial size 35c; 2½ lbs. 75c; 6 lbs. $1.50

**DDT Dust 5%.** For Colorado potato beetles, leafhoppers, flea beetles, pea aphids, pea weevils, cabbage worms and Japanese beetles on fruits, shade trees and flowers.
Lb. 50c; 3 lbs. $1.35; 25 lbs. $10

**DDT 25% Liquid Concentrate.** Combines with Bordeaux, sulphur, arsenate of lead. Diluted 1 to 3 tsp. to gal. of water.
8 ozs. 85c; qt. $1.75; gal. $5

**DDT 50% Wettable Powder.** For vegetables, flowers, fruits and ornamentals. Controls most insects. Very effective against Japanese beetle grubs in soil, also as a residual spray for wood ticks and mosquitoes. Use to spray garbage cans and pet beds.
Lb. $1.15; 4 lbs. $3.50

**Dimite.** A quick, positive, long-lasting contact control for mites and red spider. A new patented organic chemical discovered after years of research and scientifically proved to be a superior control. Contains 25% (P-Chlorophenyl) Methyl-Carbinol (DMC) in water mixable solution.
4 ozs. $1 (enough for 20 gals. spray).

**D-X Spray.** Effective, non-poisonous spray for sucking and chewing insects. Contains .75% rotenone, 2.0% piperonyl cyclonene, .28% pyrethrins in an active oil base spreader and adherent. Leaves a film of toxic ingredients on insects and foliage for greater control. Combines with standard fungicides for an all-purpose spray.
1½ ozs. 35c; 4 ozs. $1; ½pt. $1.75; qt. $5.50; gal. $13.50

**Fish-Oil Soap.** For mild forms of scale and soft insects. 1 tsp. to qt. of water; 1 lb. to 10 gals. Lb. 50c; 5 lbs. $2; 10 lbs. $3.50

**Japellent.** Harmless to humans and animals but very deadly to Japanese beetles and other leaf-eating insects on contact. It leaves an invisible protective film.
Trial size (makes 12½ gals.) 60c; garden size (makes 50 gals.) $1.65

### JAPIDEMIC
#### Milky Spore Dust

Nature's way to control beetle grubs. Japidemic contains the living spores of bacteria which cause the milky disease of Japanese beetle grubs. It is distributed on top of the ground or on turf in grub-infested areas. One treatment under favorable conditions will permit the rapid spread of the disease and destroy the grubs within the area. The bacteria remain alive for a long period, readily infecting and killing successive broods of Japanese beetle grubs as they move about in the soil, feeding on plant roots. Japidemic is harmless to grass and other plant life and has no ill effects on humans or warm-blooded animals. A pound treats 4000 sq. ft.
½lb. $2.75; lb. $5

**Lindane 5%.** A new insect spray controlling aphids, Japanese beetles, lawn webworm, lacebugs, chiggers, chinch bugs, mole crickets, thrips, army worms and many other pests.
4 ozs. $1; 16 ozs. $2.95

**Rotenone Dust.** Excellent insecticide for many sucking and chewing insects. Safe and prompt in action.
Lb. 50c; 4 lbs. $1.60; 50 lbs. $18

### ROTENONE SPRAY

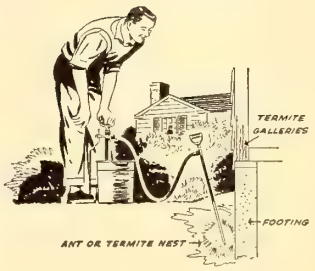
1.5% rotenone and 3.5% other Cube extractions. No wetting, spreading or penetrating agent needed.
Oz. 35c; 6 ozs. $1; 16 ozs. $2.15; gal. $13.50

**Tobacco Dust, Fine.** Splendid fertilizer and preventive for insects in the ground and around roots.
5 lbs. $1; 25 lbs. $2.50; 100 lbs. $6

**Wilson's O.K. Plant Spray.**
Qt. $1.15; gal. $3.50; 5 gals. $13.50; ½bbl. $65; bbl. $92.50

### A Simplified, Inexpensive Method for Termite Control

## INJECTO-SOIL




With this device, exterminator material is forced into the soil to a depth of up to 2 feet at the base of foundations, thereby reaching the colonies of termites which otherwise can be reached only through costly excavating. Easy to operate. One application of destroyer will termite-proof a home for at least three years. From 5 to 6 gallons are sufficient for the average home. Other uses include: sub-irrigation of trees and shrubs and sub-application of liquid plant food.
Consists of a brass stirrup pump which is connected with 5 feet of special high-pressure oil-resisting spray hose to the steel perforated injector rod. $19.95

**Injecto-soil Termite Exterminator Material.** For use with the above device, material being diluted with 6 parts of water. One gallon will treat 20 feet of foundation. Gal. $5; 5 gals. $22.50.

# To Control Insects—Pest and Plant Diseases

## FUNGICIDES

**Bordeaux Mixture, Powdered.** For blight, mildew, rust, etc. Use for dusting or spraying. Lb. 55c; 4 lbs. $1.50; 24 lbs. $7.20

**Ceresan 2%.** For diseases on narcissus and bulbous iris. 1½ lbs. $1.75; 75 lbs. $60.10

**Ceresan, New Improved.** For control of bunt or stinking smut of wheat, oats, barley and sorghums. Ounce treats 2 bus. seed; 1 lb. treats 32 bus.
4 ozs. 50c; lb. $1.30; 4 lbs. $4.35; 100 lbs. $85

**Copper Solution, Ammoniated.** For control of mildew and blackspot on roses. Does not disfigure foliage of plants. Use 1½ tsp. to pt. of water. For greenhouse use and on tender plants, use half strength.
½pt. 75c; qt. $2; gal. $6

**Copper Sulphate** (Blue Stone). An ingredient of Bordeaux Mixture.
Lb. 35c; 5 lbs. $1.50; 10 lbs. $2.75

**Fermate.** Highly effective control for many fungi. 8 ozs. 85c; 3 lbs. $3.75

**Fungtrogen.** Controls mildew, black spot, and many other fungous diseases of roses and other plants. It is combined with a plant stimulant. Mix with water 60 times its volume. ½pt. 75c; pt. $1.25; qt. $2; gal. $6

**Red River Potato Mix.** Copper fungicide with a quicker-killing arsenic. Kills potato bugs faster; drives off flea beetle and leafhopper; prevents blight. Use as a dust or spray. Full directions accompany each package.
Lb. 80c; 4 lbs. $2.75

**Semesan (Special).** Organic mercury compound for controlling brown patch.
1½ lbs. $3.75; 25 lbs. $52.05; 100 lbs. $197.60

**Tersan 75.** Brown-patch fungicide.
5 ⅛ ozs. $1; 3 lbs. $6.75

### Tomato Dust

An effective fungicide to control both early and late blight on tomatoes.
Lb. 55c; 4 lbs. $1.35

**Tri-ogen.** For control of black spot, mildew and blight, particularly on roses, annuals and perennials.

| | | |
|---|---|---|
| A Kit. Makes | 16 qts. spray | $2 25 |
| B Kit. Makes | 49 qts. spray | 6 00 |
| C Kit. Makes | 32 gals. spray | 9 00 |
| D Kit. Makes | 128 gals. spray | 30 00 |

**Wonder Fungicide.** For control of azalea petal blight, black spot on roses, most diseases of gladiolus, mildew on cantaloupe and cucumber, blight on tomato, potato, pepper and celery. Contains Dithane.
4 ozs. 50c; 8 ozs. 95c; pt. $1.50

## FUMIGANTS

**Carbon Disulphide.** Poisonous and explosive. For ants in lawns and walks. Use a funnel for applying to ant-hill. Tablespoonful to each hill.
Lb. 75c; 5 lbs. $3. Not mailable

**Cyanogas (A Dust.** Use outside for killing ants, rats, moles, woodchucks, gophers.
4 ozs. 50c; lb. $1.25; 5 lbs. $3.75; 25 lbs. $12.50. Not mailable

**Naphthalene Flakes.** For repelling wireworms, maggots, cutworms, slugs; also for gladiolus thrips when corms are stored (1 oz. to 100). Lb. 50c; 5 lbs. $2.25

**Nico-Fume Powder.** Pound can fumigates 25,000 cu. ft. ½lb. 55c; lb. $1

**Tobacco Stems.** Used for fumigating and as a fertilizer. Bale (about 100 lbs.) $4

## WEED KILLERS

**Ammate.** Makes it easy to kill poison ivy for keeps. Just mix with water and spray on. Kills foliage, roots and all. One pound is sufficient for 100 sq. ft. Kills poison oak and sumac.
2 lbs. $1; 6 lbs. $2.70; 50 lbs. $13.75; 350 lbs. $72.25

### Red Barn Noxweed

Kills all vegetation it comes in contact with and prevents growth for a period of one year under normal conditions. A diluted quart is sufficient for 200 sq. ft. Use on tennis courts, paths and driveways.
Qt. 90c; gal. $2.50; 5 gals. $10

### Red Barn Crab Grass Weed and Brush Killer

Non-poisonous, containing potassium cyanate, 2-4, D and 2-4-5, T. Kills crabgrass, brush, woody plants without killing clover, blue grass, and other desirable grasses. Soluble in water and easily cleaned from sprayer with water.
5 ozs. $1; 20 ozs. $3; 5 lbs. $8.85

**Weedone.** A liquid containing 2-4 D weed killer and 2-4-5, T. For dandelion, plantain and other lawn weeds.
8 ozs. $1; qt. $2.75; gal. $6.95; 5 gals. $25

**Weedust.** The 2-4, D weed killer in dry powder form. Weeds can be dusted directly from the ready-to-use can. Large can 75c

## DORMANT SPRAYS

**Catalizer.** Spreader and sticker for lime sulphur and arsenate of lead.
2 lbs. 85c; 50 lbs. $15

**Lime Sulphur (Powdered).** For San José scale, leaf curl and brown rot of peaches, and apple scab. Pound makes 3½ to 5 gals.
Lb. 60c; 5 lbs. $2.50

**Lime Sulphur Solution.** Dilute and spray while trees are dormant.
Qt. 75c; gal. $1.80; 5 gals. $8.50

**Para-Scalecide.** A safe and effective control for peach borer on young and old trees. One gallon treats 40 full-grown trees.
Qt. $1.25; gal. $3

### Scalecide

A dormant oil spray for use on fruit trees, shrubs, etc.
Qt. $1; gal. $2.50; 5 gals. $8.50; 15 gals. $20.50

## TREE SURGERY AIDS

### Red Barn Tree Wound Dressing

Prevents decay. Penetrating, antiseptic; not affected by heat, cold or moisture. Stops bleeding. Use with Tree Cavity Fill.
Pt. 90c; qt. $1.75; gal. $4.50

**Red Barn Brand Tree Cavity Fill.** Add water to make it plastic.
Lb. 75c; 5 lbs. $2.50; 25 lbs. $10

**Grafting Wax.** For grafting, budding, and top-working of all trees. ½lb. 60c; lb. 90c

## SEED AND SOIL-TREATING COMPOUNDS

**Formacide (Formaldehyde Dust).** Seed and soil-treating compound to prevent damping off. Completely sterilizes the soil.
½lb. 50c; lb. 85c; 5 lbs. $2.50; 25 lbs. $10

**Semesan (Regular).** A mercurial disinfectant for vegetable and flower seeds or bulbs, to protect against root rot and damping off. Use a pinch to a packet of seed. ½ tsp. to 1 lb. of seed.
2 ozs. 60c; 12 ozs. $2.85; 25 lbs. $72.65

**Semesan Bel.** For scab and rhizoctonia on potatoes. Use 1 level tbsp. to 2½ bus.; 1 lb. to 60 bus. Also for gladiolus corm rot. Soak 7 hours in 2 level tbsp. to gal. of water.
2 ozs. 50c; lb. $2.30; 4 lbs. $7.50; 40 lbs. $70.35; 100 lbs. $166

**Spergon.** A non-poisonous powder for treating seeds against damping off. Stimulates root growth and produces healthy, vigorous seedlings.
Oz. 25c; 5 ozs. $1; lb. $2.25

## MISCELLANEOUS HELPS

### Dog and Cat Repellent

Use this effective repellent, with odor completely inoffensive to humans, for keeping dogs and cats away from trees, shrubs, garbage cans, etc. 12-oz. bottle $1

**Red Barn Wood Preserver.** Made of hardwood creosote oils; unexcelled for wood preservation. Structures treated 35 years ago are still intact. Highly penetrating, insoluble in water. Wood may be dipped, sprayed or brushed for effective application. No coal tar or irritating fumes.
Gal. $2.60; 5 gals. $11.25

## RODENT AND WORM KILLERS

**Mole-Nots.** Quickly kills moles, gophers, etc. With a pointed stick pierce holes in the runs at intervals of 4 feet. Break a Mole-Not in each hole; cover lightly with earth. Allow from 48 to 72 hours before rolling run flat.
Trial size 35c; jumbo size $1

**Molites.** Gas-producing destroyers for killing moles, rats, gophers, field mice and other underground pests. Non-inflammable and non-explosive; produces a greater volume of gas than tubular diffusers.
20c each; $2.25 per doz.

**Mologen.** Eliminates moles from lawns within two or three days; non-poisonous to humans or pets.
½lb. 50c; 1½ lbs. $1.25; 5 lbs. $4

**Mouse-Nots.** Not poisonous to humans or domestic animals. Place a pellet wherever there are signs of mice.
Pkt. of 9, 25c; pkt. of 50, $1

**Rat-Nots.** Similar to Mouse-Nots but for rats. Pkt. of 9, 25c; pkt. of 50, $1

### Warfarin

Makes rats and mice eat themselves to death! A blended bait ready to use and approved by Federal, State and County agricultural and health agencies.
Lb. 98c; 5 lbs. $3.50; 10 lbs. $6.50

**All Prices Subject to Change.**
**Customer Pays Transportation**
**See Postage Chart Page 106**

# *Tested Quality* FERTILIZERS—SOIL ENRICHERS

## FERTILIZERS, MANURES, SOIL INGREDIENTS

### RED BARN GENERAL GARDEN FERTILIZER

Over 30% of natural organic nitrogenous materials. For vegetables, flowers and fruit. Highly recommended as the best for all-round work in the garden. Use 1000 lbs. to the acre or 3 ozs. to the sq. yd. when preparing land for planting in the spring. Spread General Garden Fertilizer between rows of plants when they are growing, and hoe into the soil. Use 3 lbs. per 100 ft., repeating every month.
**5 lbs. 65c; 25 lbs. $2.25; 50 lbs. $3.50; 100 lbs. $6; 500 lbs. $25; ton $80**

### RED BARN EMERALD GRASS FERTILIZER

For lawns and golf putting greens. A well-balanced formula of purest ingredients, designed to feed grasses and to keep them in a healthy condition. When building a lawn, from 1 to 1½ tons per acre (50 lbs. per 1000 sq. ft.) should be harrowed or raked into the upper surface. Every spring and early fall, existing lawns may be given a dressing of 500 to 1000 lbs. per acre (20 lbs. per 1000 sq. ft.). When applied as a top dressing to turf, it is best to mix with four times its bulk of fine soil or sand before broadcasting. Over 30% of natural organic nitrogenous materials.
**5 lbs. 75c; 25 lbs. $2.50; 50 lbs. $3.75; 100 lbs. $6.50; 500 lbs. $30; ton $95**

### RED BARN ROSE FOOD

Especially balanced food for roses. Contains the essential elements to vitalize the entire plant, adding color and vigor as well as building up resistance to disease. A favorite of thousands of customers over two decades.
**5 lbs. $1; 25 lbs. $3.50; 50 lbs. $6; 100 lbs. $10**

### RED BARN ACIDULOUS FERTILIZER

A complete food that has the advantage of building up and preserving a slightly acid condition for rhododendrons, azaleas, laurel other acid-loving plants. Use ½ lb. for 1 sq. yd. and work very lightly into the soil.
**5 lbs. 80c; 25 lbs. $2.75; 50 lbs. $4; 100 lbs. $7.50; 500 lbs. $32.50**

### RED BARN WORM KILLING GRASS FOOD

Stimulates grass on lawns, putting greens, tennis courts, etc., into rich green growth. Quickly eliminates earthworms that burrow in the turf. Apply at the rate of 1½ lbs. per 100 sq. ft. and water in thoroughly. Worms will come to the surface. Non-poisonous and not injurious to animal or bird life. Can safely be applied on grass in warm weather according to directions.
**5 lbs. $1.50; 10 lbs. $2.50; 25 lbs. $5.75**

## *A Complete, Dry Lawn Dressing*

# LAWNSPREAD

A marvelous LAWN TONIC. Use it to renovate thin or bare turf. High-quality grass seeds are MIXED with approved grass foods and screened, sterile compost. Also contains insecticides and fungicides including Chlordane for ant, chinch-bug and grub control.

**LAWNSPREAD**

Contains mixed seeds for open and shaded areas.

| | Each Bag |
|---|---|
| 1 to 10 bags | $3 50 |
| 11 to 25 bags | 3 35 |
| Over 25 bags | 3 25 |

**SUPER-LAWNSPREAD**

Contains Coos County Bent Seeds for home putting greens, etc.

| | Each Bag |
|---|---|
| 1 to 10 bags | $4 00 |
| 11 to 25 bags | 3 85 |
| Over 25 bags | 3 60 |

**LAWNSPREAD with Milky Disease Spore Dust**

Super Lawnspread mixture for control of Japanese beetles.

| | Each Bag |
|---|---|
| 1 to 10 bags | $4 25 |
| 11 to 25 bags | 4 10 |
| Over 25 bags | 3 95 |

Weight per bag, 25 lbs.

### RED BARN TREEWIZ

A slowly available, high-analysis tree and shrub food. 25% of the nitrogen is from organic sources. Use tree auger for application. Drill holes 3 feet apart in circle under tips of branches, and apply approximately ¼lb. per hole.
**5 lbs. $1; 25 lbs. $3.50; 50 lbs. $6; 100 lbs. $10; 500 lbs. $45**

**Actumus.** Amazing improvement in crop production has been the result of using Actumus. A 100% organic fertility builder which can be used for all soils and all types of plants indoors and out. It accelerates growth and, due to bacteria action, tends to improve the soil over an extended period. An economical, effective conditioner. Serves also as an efficient compost activator. Can be used in dry or liquid form and is odorless.
**Pkt. 25c; ¼lb. (makes 375 gals.) $1.25; ½lb. $2.25; lb. $4.25**

**Customer Pays Transportation**

**See Chart Page 106**

**Adco.** The speedy compost maker. Add it to garden refuse, leaves, grass clippings to hasten decomposition.
**5 lbs. $1.50; 20 lbs. $3.50; 150 lbs. $18.50**

**Aluminum Sulphate.** Makes soil acid; much used for rhododendrons and similar plants. Not a fertilizer. Follow with an application of Red Barn Acidulous Fertilizer.
**Lb. 20c; 5 lbs. 80c; 10 lbs. $1.25; 25 lbs. $2.25**

### RED BARN BONE MEAL

Recommended for the garden and for lawns. It is quick to give results, yet the benefits are lasting. The standard food for roses. Use 2000 lbs. per acre or 5 lbs. to 100 sq. ft. dug or raked into the soil; use half this amount when top-dressing grass.
**5 lbs. 75c; 10 lbs. $1.25; 25 lbs. $2.75; 50 lbs. $5.25; 100 lbs. $7.75**

**Buckwheat Hulls.** Ideal mulch for rose beds. Holds moisture, keeps down weeds, saves cultivating. 50-lb. bag covers an area 100 sq. ft. ½ in. deep.
**50 lbs. $2.50; 100 lbs. $4.50**

**Cattle Manure, Shredded.** A soil builder and mulch that is especially recommended for crops in hot, sandy soils. Ideal for perennial beds.
**25 lbs. $2; 50 lbs. $3.75; 100 lbs. $5.50**

**Clay's Fertilizer.** *Imported.* Has a splendid reputation for use on flowers, vegetables and fruits.
**7 lbs. $1.75; 14 lbs. $3; 28 lbs. $5; 56 lbs. $9.50; 112 lbs. $16**

**Compo.** A fast-acting compost developer. Speeds up the decomposition of waste plant materials, such as leaves, straw, vines, weeds, grass clippings, garden refuse.
**7½ lbs. $1.50; 25 lbs. $3; 50 lbs. $5.50**

**Cottonseed Meal.** An excellent organic plant food with high amount of nitrogen. For fine lawns and for all acid-loving plants.
**5 lbs. $1.50; 25 lbs. $5; 100 lbs. $12.50**

### RED BARN SAWCONURE

An all-organic fertilizer composed of dehydrated cow manure, poultry manure and peat moss. Ideal for fertilizing flowers, lawns, vegetables and shrubs. Free of weed seed. 50 lbs. will top-dress 1000 sq. ft. of lawn. **50 lbs. (about 2 bus.) $3.50**

**Dried Blood.** Adds nitrogen and a small amount of phosphorus. Used mostly for house plants. Acts quickly.
**5 lbs. $1.50; 10 lbs. $2.75; 25 lbs. $5.25**

**Hyper Humus, Pulverized.** A black, easy-to-apply product for enriching lawns and gardens. It serves to loosen heavy clay soil and promote aeration. It also increases the moisture-absorbing quality of light, sandy soils and improves general soil condition. As Hyper Humus is odorless, it is ideal for use when potting bulbs and house plants. 100 lbs. will cover 100 sq. ft. to a depth of ½ in.
**100 lbs. $2; 500 lbs. $9.50**

**Leaf Mold.** Used for preparing rhododendron beds and as an ingredient in potting soil.
**100 lbs. (app. 2½ bus.) $6**

**Lime, Hydrated.** Corrects soil acidity and also improves the mechanical condition of the soil by binding loose soils and opening heavy land. Quick acting. Specially prepared for horticultural purposes. As a winter dressing, broadcast 1 ton to the acre or 5 lbs. per 100 sq. ft. **50 lbs. 95c; 100 lbs. $1.75**

**Limestone, Pulverized.**
**50 lbs. 75c; 100 lbs. $1.35**

# *For Beautiful Lawns and Better Gardens*

## FERTILIZERS, MANURES, SOIL INGREDIENTS (cont.)

**Muriate of Potash.** For potato and root crops. Alkaline reaction. Use 1½ lbs. per 100 sq. ft.
**5 lbs. 80c; 10 lbs. $1.50; 25 lbs. $3; 50 lbs. $5; 100 lbs. $9**

**Nitrate of Soda.** Nitrogen in available form for lettuce and other leafy vegetables. Use 1 oz. to 1 gal. of water as liquid, or 1½ ozs. to 1 sq. yd. dry.
**5 lbs. 85c; 10 lbs. $1.50; 100 lbs. $10**

## PEAT MOSS, Imported

Adds organic matter and improves soil texture, helping to conserve soil moisture and to aerate where necessary. Valued for storing bulbs such as cannas and dahlias. Carton (14 lbs.) will cover 30 sq. ft. 1 in. deep.
**Carton $1.65; 10-bus. bale $3.75; 17-bus. bale $5.50**

## PEAT, Michigan

A sedge peat superior to imported. For winter mulching of rose beds, perennials, shrubs. Use when making new lawns.
**Pk. 85c; 5 cu. ft. $3.85; 5 bags $19; 10 bags $36**

**Sheep Manure.** A concentrated fertilizer—dried, screened, sterilized and pulverized. Useful in general garden work and for making liquid manure so valuable as a needed stimulant when flowers come into bud.
**5 lbs. 65c; 10 lbs. $1.25; 25 lbs. $2.20; 50 lbs. $4; 100 lbs. $6.25; 500 lbs. $30**

**Superphosphate.** 18–20%. To be used freely for supplying phosphoric acid. Readily soluble. **5 lbs. 55c; 10 lbs. $1; 25 lbs. $1.85; 100 lbs. $4.50**

**Vermiculite. Terra Lite.** A natural mineral one-tenth the weight of sand or soil. Sterile, inert, retains water. Will not permit fungus or algæ growth. It insures full benefit from hormones, vitamins and nutrient solutions. Useful for starting seed, as it helps to prevent damping off and other soil-borne diseases. Add 25 to 50 percent to soil for potting. Use it around the roots of newly planted trees and shrubs. Holds moisture even during protracted dry spells.
**4 qts. (¾lb.) 45c; ½bus. (3 lbs.) 85c; 2½-cu.-ft. bags (weight about 12 lbs.) $1.85**

## FERTILIZERS FOR HOUSE PLANTS AND HYDROPONICS

### BOOST

A 100% soluble plant food. One teaspoonful makes a gallon of scientifically blended feeding solution, complete with all ace-elements. Odorless. Keeps without deterioration. Useful for garden use as well as for indoor plants.
**4 ozs. 35c; lb. $1; 5 lbs. $3.50**

**Electra.** An excellent plant food, 80% organic and containing 30 ingredients to provide all the elements which plants require, in soluble form.
**20 lbs. $4.25; 40 lbs. $7.50; 80 lbs. $11**

**House Plant Food.** A safe, high-grade fertilizer free from disagreeable odor, prepared especially for feeding plants grown in pots. Induces luxuriant, healthy growth, rich green foliage and larger flowers.
**12 ozs. 50c**

### HYPONEX

A complete, balanced all-soluble plant food. A pound makes 100 gals. for soil culture or 50 gals. for soiless culture.
**Lb. $1; 10 lbs. $8; 25 lbs. $15; 50 lbs. $25**

**PlantTabbs.** A complete plant food with vitamin B-1 added. In tablet form for easy handling.
**30 tablets 25c; 75 for 50c; 200 for $1; 1000 for $3.50**

**Rapid-Gro.** (Powder.) The approved formula for a liquid plant food. Contains vitamin B-1 and B-2. No inert matter. 100% soluble. Quickly absorbed by plant roots. Use 1 tsp. to 1 qt. of water; 1 lb. to 22 gals. of water.
**8 ozs. 69c; lb. $1.25; 5 lbs. $4.50; 25 lbs. $21**

**Stim-U-Plant.** Plant food in tablets. Ideal for pot plants and to provide quick stimulation for garden plants.
**30 tablets 35c; 100 for $1; 1000 for $5**

Trace L
THE BALANCED PLANT FOOD

**Trace L.** A complete plant food containing 15 important available elements. Highly recommended for application in liquid form.
**½lb. 75c; lb. $1; 15 lbs. $11.25; 35 lbs. $24.50; 100 lbs. $65**

## CUT-FLOWER PRESERVERS

**Bloomlife.** When added to water, prolongs the life and beauty of cut flowers.
**Pkt. (for 1 qt.) 10c; 3 pkts. 25c; 50-qt. size $2**

**Survival.** A scientific material for preserving cut flowers and prolonging their fresh appearance. Revives weak flowers, intensifies color, reduces spoilage from bacteria and fungi and eliminates slime in pots and vases.
**½lb. 50c; lb. 95c; 2 lbs. $1.85**

## ROOT-FORMING CHEMICALS—HORMONES

**Hormodin Powder No. 1.** A hormone powder inducing better roots faster. Simply dip stems of cuttings in Hormodin powder and place in usual propagating medium.
**1¾ ozs. 50c; lb. $3**

### FRUITONE

Stops premature drop of flowers, fruits and leaves. Applied as a spray.
**2 ozs. $1; 12 ozs. $5**

### ROOTONE

Stimulates roots on cuttings, seeds, bulbs.
**2-oz. jar $1; lb. $5**

**Rosetone.** Insures the success of your roses. Soak roots of bushes in Rosetone before planting. Water established rose bushes with it for better growth. **½oz. 25c; 3 ozs. $1**

**Transplantone.** Used extensively in setting out tomato, sweet potato, cabbage, tobacco and other plants, for earlier maturity and larger crop. **½oz. 25c; 3 ozs. $1; lb. $4**

**Tomato-Fix.** Spray tomato flowers with Tomato-Fix, and like magic, nearly every one produces a tomato—many of them seedless.
**100 tablets (25 qts. spray) $1**

**Fruit Fix.** **1¼ ozs. 50c; 3 ozs. $1**

**Berry-Set.** A hormone spray for bigger strawberries, raspberries, blackberries, hollyberries. **½oz. 25c; oz. 50c; 3 ozs. $1**

## GIANT DUSTER

Unexcelled for Orchards, Truck and Flower Gardens

*Durable!*

*Lightweight!*

*Easy to operate!*

A time-proven, customer-approved duster with the most perfect and simple feed ever devised. The speed fan runs on ball bearings; enclosed cut steel gears run in grease. Hopper has large opening for easy filling, holds 7 lbs. Attached carrying straps are easily adjusted for perfect balance and ease in operation. Either one or both nozzles may be used for dusting 1 or 2 rows at a time. Use for DDT, dry powder insecticide dust, etc. Of heavy gauge tin finished in red lacquer. Length, 40 in. Ship. wt. 12 lbs. $32.50.

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**BOOKS**
Postage prepaid to any place in the United States.

**GIFTS**
Prepaid anywhere in the United States unless otherwise specified.

**FURNITURE**
Customer pays transportation unless otherwise specified.

Plants, shrubs or roses cannot be returned for credit. Should they be received in unfavorable condition, we should be notified at once in order that proper adjustment can be made.

**Prices quoted are subject to change without notice.**

**WARRANTY:** Peter Henderson, Stumpp & Walter Co. warrants to the extent of the purchase price that seeds, plants, shrubs, trees or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

**EXPORT INQUIRIES** and all matters regarding export should be addressed to P.O. Box 1112, Church Street Station, New York 8, N. Y.

**DOMESTIC PARCEL POST RATES.** Within the U.S. and Possessions. **Size Limit:** 72 inches in length-and-girth combined. **Weight Limit:** 40 lbs. to 1st and 2nd zones; 20 lbs. for all other zones with these exceptions: (1) parcels sent to RFD addresses; (2) all shrubs, trees, plants. On these, size limit is 100 inches, length-and-girth combined; weight limit 70 lbs.

| POUNDS—Each additional fraction of lb. charged as 1 lb. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | 20 | 25 | 30 | 35 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCAL ZONE | $0.15 | $0.17 | $0.18 | $0.19 | $0.20 | $0.22 | $0.23 | $0.24 | $0.25 | $0.27 | $0.28 | $0.29 | $0.33 | $0.39 | $0.45 | $0.52 | $0.58 | $0.64 |
| 1st & 2nd zone, within 50–150 miles of N. Y. C. | .17 | .20 | .22 | .25 | .27 | .29 | .32 | .34 | .37 | .39 | .41 | .44 | .51 | .63 | .75 | .87 | .99 | 1.11 |
| 3rd zone, within 150–300 miles of N. Y. C. | .17 | .21 | .24 | .28 | .31 | .35 | .38 | .42 | .45 | .49 | .52 | .56 | .66 | .84 | 1.01 | 1.19 | 1.36 | 1.54 |
| 4th zone, within 300–600 miles of N. Y. C. | .19 | .24 | .29 | .34 | .38 | .43 | .48 | .53 | .57 | .62 | .67 | .72 | .86 | 1.10 | 1.33 | 1.57 | 1.81 | 2.05 |
| 5th zone, within 600–1000 miles of N. Y. C. | .21 | .28 | .35 | .42 | .48 | .55 | .62 | .69 | .75 | .82 | .89 | .96 | 1.16 | 1.50 | 1.83 | 2.17 | 2.51 | 2.85 |
| 6th zone, within 1000–1400 miles of N. Y. C. | .23 | .33 | .42 | .51 | .60 | .70 | .79 | .88 | .97 | 1.07 | 1.16 | 1.25 | 1.53 | 1.99 | 2.45 | 2.92 | 3.38 | 3.84 |
| 7th zone, within 1400–1800 miles of N. Y. C. | .25 | .37 | .48 | .60 | .71 | .83 | .94 | 1.06 | 1.17 | 1.29 | 1.40 | 1.52 | 1.86 | 2.44 | 3.01 | 3.59 | 4.16 | 4.74 |
| 8th zone, over 1800 miles of N. Y. C. | .27 | .41 | .55 | .69 | .83 | .97 | 1.11 | 1.25 | 1.39 | 1.53 | 1.67 | 1.81 | 2.23 | 2.93 | 3.63 | 4.33 | 5.03 | 5.73 |

General Order Sheet—Spring, 1952

# PETER HENDERSON, STUMPP & WALTER CO.

**48 Cortlandt St., New York 7, N. Y.**

*PLEASE PRINT NAME AND ADDRESS CLEARLY*

Date_____1952

AMOUNT ENCLOSED

$_____

Please add 3% Sales Tax if delivery is to be made within New York City.

CONNECTICUT. Please add 2% Sales Tax on orders of $25 or over if delivery is to be made within the state of Conn.

*Name*_____

*P. O. Box, Street or Rural Delivery*_____

*Post Office*_____ *P. O. Unit No.*_____ *State*_____

*Station or Express Office*_____

Only if different from Post Office

*If your address has changed since placing your last order, please fill in previous address here*

*State*_____ *City*_____

*Address*_____

WARRANTY. The Peter Henderson, Stumpp & Walter Company warrants to the extent of the purchase price that Seeds, Plants, Shrubs, Trees or Bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

## PLEASE USE THIS ORDER BLANK FOR ALL ITEMS EXCEPT PLANTS, SHRUBS and ROSES

| Please do not write in this space | QUANTITY | CATALOG NUMBER | SEEDS, BULBS, IMPLEMENTS, SUNDRIES | PRICE |
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List additional items on next page

ANY CORRESPONDENCE RELATING TO YOUR ORDER OR REQUESTING INFORMATION SHOULD BE WRITTEN ON A SEPARATE SHEET.

For Transportation Charges See Page 106

# GENERAL ORDER SHEET

| QUANTITY | NUMBER | SEEDS BULBS IMPLEMENTS, SUNDRIES | PRICE | |
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**Please add 3% Sales Tax if delivery is to be made within New York *City*.**

**IF ANY ITEMS ARE MISSING** when you unpack your order, look for a memorandum, either enclosed or sent by mail, telling you that they will follow later. The memorandum may be for goods which are not available at the moment. Small packages are often enclosed in larger bags of seed or fertilizer.

**YOU NEED NOT ENCLOSE CASH** with your Order if you have charge accounts with other business houses. List here the stores with which you trade:

_____

_____

_____

**We send the merchandise you select without delay, and will mail you an invoice which is payable within thirty days.**

*Nursery Order Sheet—Spring, 1952*

# PETER HENDERSON, STUMPP & WALTER CO.

**48 Cortlandt St., New York 7, N. Y.**

*PLEASE PRINT NAME AND ADDRESS CLEARLY*

*Date* _____ *1952*

AMOUNT ENCLOSED

$ _____

Please add 3% Sales Tax if delivery is to be made within New York City.

CONNECTICUT. Please add 2% Sales Tax on orders of $25 or over if delivery is to be made within the state of Conn.

*Name* _____

*P. O. Box, Street or Rural Delivery* _____

*Post Office* _____ *P. O. Unit No.* _____ *State* _____

*Station or Express Office* _____

Only if different from Post Office

*If your address has changed since placing your last order, please fill in previous address here*

*State* _____ *City* _____

*Address* _____

WARRANTY. The Peter Henderson, Stumpp & Walter Company warrants to the extent of the purchase price that Seeds, Plants, Shrubs, Trees or Bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

## Please use this Order Sheet ONLY for . . . . PLANTS-SHRUBS and ROSES

| Please do not write in this space | QUANTITY | CATALOG NUMBER | ROSES, SHRUBS, PERENNIALS AND OTHER GROWING PLANTS | PRICE | |
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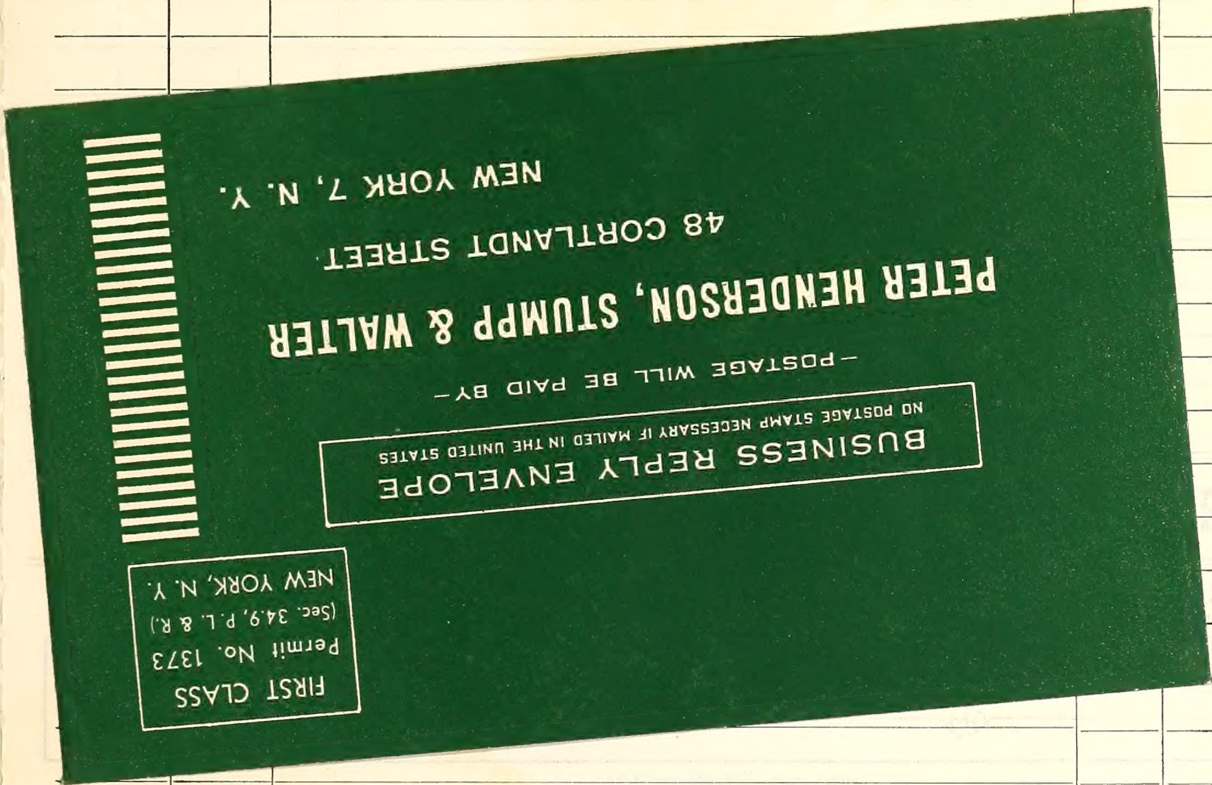
List additional items on next page

ANY CORRESPONDENCE RELATING TO YOUR ORDER OR REQUESTING INFORMATION SHOULD BE WRITTEN ON A SEPARATE SHEET.

For Transportation Charges See Page 106

# NURSERY ORDER SHEET

| QUANTITY | NUMBER | ROSES, SHRUBS, PERENNIALS AND OTHER GROWING PLANTS | PRICE |
|---|---|---|---|
| | | | |

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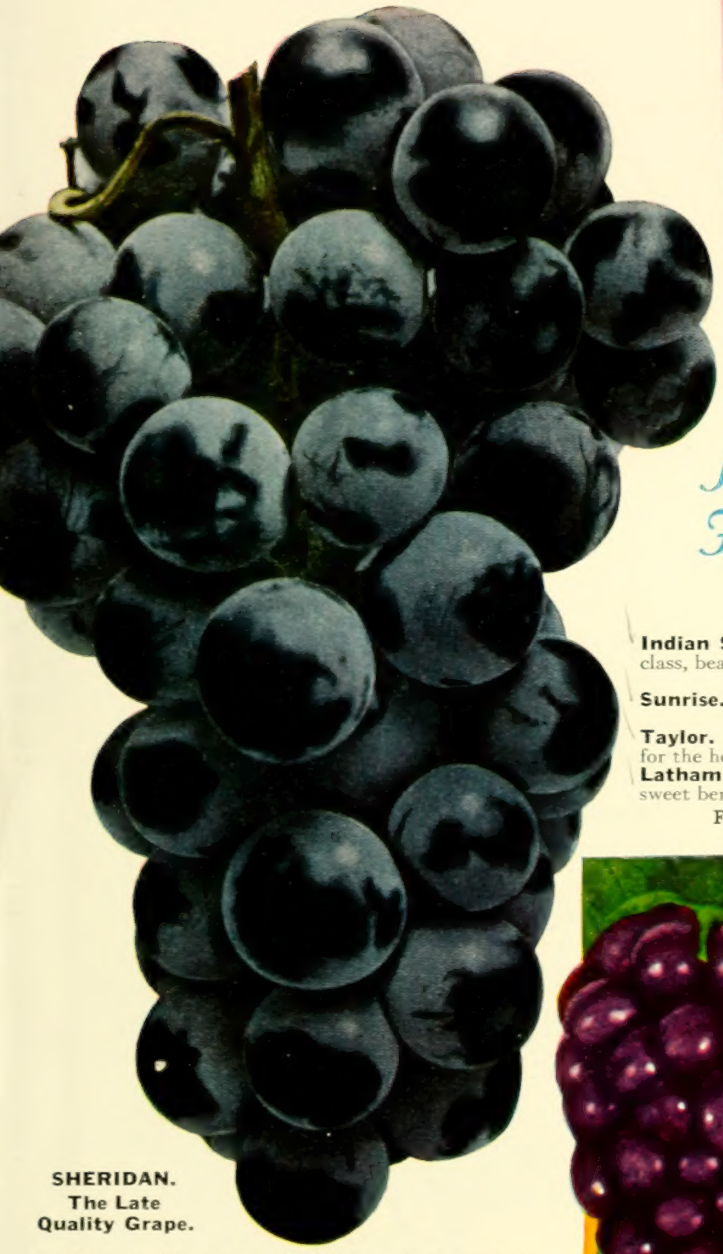
**Please add 3% Sales Tax if delivery is to be made within New York *City*.**

**IF ANY ITEMS ARE MISSING** when you unpack your order, look for a memorandum, either enclosed or sent by mail, telling you that they will follow later. The memorandum may be for goods which are not available at the moment. Small packages are often enclosed in larger bags of seed or fertilizer.

**YOU NEED NOT ENCLOSE CASH** with your Order if you have charge accounts with other business houses. List here the stores with which you trade:

**We send the merchandise you select without delay, and will mail you an invoice which is payable within thirty days.**



SHERIDAN.
The Late
Quality Grape.

Its flavor is rich, sweet and delicate. As it requires a long season to mature, it consequently responds with very abundant crops. For this reason, it is advisable to prune close to prevent overbearing. With ordinary care the beautiful blue-black fruit will keep in perfect condition until after Christmas.

$1 each; $2.75 for 3; $10 per doz.

RASPBERRY,
INDIAN SUMMER

# *Home-Garden Fruits Deluxe*

## RASPBERRIES • Red Varieties

**Indian Summer.** Everbearing. The first and most delicious raspberry in this class, bearing large, glossy, conical berries from June to November.
2-year plants, $2.50 per doz.; $20 per 100

**Sunrise.** Early, bright red, juicy fruit with a tangy flavor. A prolific producer.
$2 per doz.; $15 per 100

**Taylor.** Rich red berries with thick flesh and small cavity, particularly desirable for the home garden. 1-year plants, $1.50 per doz.; $10 per 100

**Latham.** A widely grown raspberry producing a generous midseason crop of large, sweet berries. $1.50 per doz.; $10 per 100

For other varieties of Raspberries and Garden Fruits, see page 80

THORNLESS BOYSENBERRY
$2.50 per doz.; $20 per 100

The NEW Flavorful

## HOME-GARDEN BLUEBERRY
### HARBUR

Midseason to late. A vigorous, compact grower, 4 to 5 feet high at maturity. Fruit spurs from 8 to 10 inches long are laden with large, uniform, sweet berries superb in flavor.

2-year plants, 15 to 18 in. high, $1.50 each; $4 for 3; $15 per doz.
3-year plants, 1½ to 2 ft. high, $2.50 each; $6.75 for 3; $25 per doz.

BLUEBERRY
HARBUR

## CULTIVATED BLUEBERRIES

Plants should be purchased in variety and set quite close to insure cross-pollination. Space between plants should be approximately 4 by 6 feet.

**June.** (Early.) Large, well-colored fruit with fine flavor, produced on medium-sized plants.
**Rancocas.** (Midseason.) A variety with upright form, yielding clusters of firm sweet berries. Twigs are red.
**Stanley.** (Midseason.) One of the most vigorous varieties in cultivation. Produces quantities of large berries. Especially fine flavored.
**Jersey.** (Midseason to late.) A vigorous, well-shaped shrub. The huge fruit has a wonderful flavor and is often ¾ inch in diameter.

2-year plants, 15 to 18 in. high, $1 each; $2.75 for 3; $10 per doz.
3-year plants, 1½ to 2 ft. high, $1.50 each; $4 for 3; $15 per doz.

## COLLECTION OF 4 ABOVE VARIETIES

2-year plants $3.50 • In 3-year size $5.50

CREAM-O-GOLD

# Cream-o-Gold

## THE FINEST SWEET CORN IN THE WORLD

***Sweetest · Tenderest · Daintiest***

**105. Cream-o-Gold** is our answer to home gardeners who demand quality above all else. The ears are a delicious creamy yellow, 8 to 9 inches long, and set with 8 or 10 rows of lusciously sweet kernels. The cob is not much thicker than a pencil so that the kernels are extra deep and give you more to eat than any other variety that has thickness of cob to add to its size.

The plants of Cream-o-Gold are very uniform. They are about 5½ feet tall and most stalks produce two full-size ears. Under average growing conditions they will be ready for the table 88 days after sowing the seed. Cream-o-Gold has unexcelled table quality. Its sweetness and delicious flavor set it in a place apart. The lusciously sweet pulp is covered with a thin, tender skin which accounts for much of its tenderness. The genuine Cream-o-Gold sweet corn is obtainable only from us. We urge you to order for a liberal planting, bearing in mind that it also is ideally suited to quick freezing. That is a splendid way to enjoy the fruits of your harvest long after the growing season is past.

**Pkt. 25c; ½lb. 60c; lb. $1.10; 5 lbs. $5.25**

## 138 Sunlite

***The Earliest Yellow Hybrid Sweet Corn***

Sunlite stands at the top for earliness, high yields and uniform high quality. The ears are from 7 to 7½ inches long. They are set with 10 or 12 rows of perfectly formed, creamy yellow kernels that are as attractive to the eye as their luscious sweet flavor is to the palate. In fact, few other sweet corn varieties are as sweet as Sunlite. The plants are of medium height, but they are very vigorous. The ears mature in about 70 days after planting.

**Pkt. 25c; ½lb. 55c; lb. $1; 5 lbs. $4.75**

SUNLITE


*Everything for the Garden*

PETER HENDERSON, STUMPP & WALTER CO.

48 CORTLANDT STREET, NEW YORK 7, N. Y.